

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Abrams Creek		
TMDL Group ID:	00078		
VAV-B09R_ABR01A00	Abrams Creek	FREDERICK CO	Abrams Creek from its headwaters downstream to its confluence with Opequo Creek.
VA Overall AU Category: 4A			
Use	Impairment	10.57 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00078 1996 2004	Federal TMDL ID # 17635
Sources: Municipal (Urbanized High Density Area)			
Wildlife Other than Waterfowl			
TMDL Group ID:	00080		
VAV-B09R_ABR01A00	Abrams Creek	FREDERICK CO	Abrams Creek from its headwaters downstream to its confluence with Opequo Creek.
VA Overall AU Category: 4A			
Use	Impairment	10.57 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00080 1996 2004	Federal TMDL ID # 17636
Sources: Municipal (Urbanized High Density Area)			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Accotink Creek		
TMDL Group ID:	00061		
VAN-A15R_ACO02A00	Accotink Creek	FAIRFAX CO	Segment begins at the confluence with Crook Branch, upstream from Route 846, and continues downstream until the start of Lake Accotink.
VA Overall AU Category: 4A			
Use	Impairment	4.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00061	2004 2002 A fecal coliform TMDL for Accotink Creek above Lake Accotink was developed and submitted to the U.S. EPA on April 26, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are dog and goose waste deposited on pervious and impervious surfaces, cat and duck waste deposited on pervious surfaces, and human sources including failing septic systems, leaking sewer lines and illicit sewer connections. Sufficient exceedances of the instantaneous E.coli bacteria criterion were recorded at DEQ's ambient water quality monitoring station (1AACO014.57) at the Route 620 bridge (6 of 13 samples - 46.2%) and USGS station 01654000 (22 of 23 samples - 95.6%) to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID 17637.
Sources: Illicit Connections/Hook-ups to Storm Sewers Impervious Surface/Parking Lot Runoff Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl			
TMDL Watershed Name:	Back Creek		
TMDL Group ID:	01597		
VAV-B10R_BAK01A00	Back Creek	AUGUSTA CO	Back Creek from the headwaters downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	8.39 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01597	2004 2004 Federal TMDL ID # 7683
Sources: Non-Point Source Wildlife Other than Waterfowl			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Bay Segment POTMH			
TMDL Group ID: 00173			
VAP-A34E_KNC01A98	Killneck Creek	NORTHUMBERLAND CO	Described in the condemnation notice 8-214B, 12/29/2003. POTMH
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00173	1998 2004 VAP-A34E-02 VDH-DSS Condemnation 8-214B, 12/29/2003 The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Group ID: 00174			
VAP-A34E_XFI01A98	Stevens Point	NORTHUMBERLAND CO	Described in the condemnation notice 8-214C, 12/29/2003 Sq. mileage adjusted in 2006 POTMH
VA Overall AU Category: 5D			
Use	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00174	1998 2004 Category 4A VAP-A34E-03 VDH-DSS condemnation 8-214C, 12/29/2003 The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Bay Segment POTMH			
TMDL Group ID: 00175			
VAP-A34E_XFJ01A98	Coan River, UT	NORTHUMBERLAND CO	Described in the condemnation notice 008-214D, 12/29/2003. POTMH Size increased during 2004 cycle (0.02 to 0.05 sq. mi)
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00175	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-04
			VDH-DSS condemnation 8-214D, 12/29/2003
			The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Group ID: 00937			
VAP-A34E_GLB01A98	The Glebe	NORTHUMBERLAND CO	Described in the condemnation notice 145D, 2/25/1997. POTMH
VA Overall AU Category: 5D	Impairment	0.13 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00937	1998
			2004
			Impairment Specific Comments and/or Impairment Specific VA Category
			Category 4A
			VAP-A34E-01
			A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for the expanded area will be due in 2018.
Sources: Non-Point Source			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		85010	
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented. Size adjusted in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	85010	1998
			2016
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-05
			Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).
Sources: Non-Point Source			
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented. POTMH
VA Overall AU Category: 5A	Impairment	0.33 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	85010	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-05
			Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).
Sources: Non-Point Source			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Bay Segment POTMH	
TMDL Group ID:		85011	
VAP-A34E_HEA01A98	Headly Cove	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 2/25/1997. POTMH
VA Overall AU Category:	5A		
Use	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85011	1998 2010 VAP-A34E-05
Sources: Non-Point Source			
TMDL Group ID:		85012	
VAP-A34E_MII01A06	Mill Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Coan River POTMH
VA Overall AU Category:	5A		
Use	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85012	1998 2010 VAP-A34E-05
Sources: Non-Point Source			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Bay Segment POTMH			
TMDL Group ID: 85500			
VAP-A34E_GLB01A04	The Glebe	NORTHUMBERLAND CO	VDH-DSS notice 145C, 11/27/2002 boundary upstream to VDDH-DSS notice 145D, 2/25/1997 boundary
POTMH			
VA Overall AU Category: 5A			
Use	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85500	1998 2016 VAP-A34E-01
A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for this expanded area will be due in 2018.			
Sources: Non-Point Source			
TMDL Watershed Name: Beaver Creek			
TMDL Group ID: 00207			
VAV-B18R_BVR01A00	Beaver Creek	ROCKINGHAM CO	Beaver Creek from its confluence with Waggys Creek downstream to its confluence with Briery Branch.
VA Overall AU Category: 4A			
Use	Impairment	2.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00207	2002 2014 Federal TMDL ID # Not assigned
Sources: Non-Point Source			
Wildlife Other than Waterfowl			
VAV-B18R_BVR02A00	Beaver Creek	ROCKINGHAM CO	Beaver Creek from the headwaters downstream to its confluence with Waggys Creek.
VA Overall AU Category: 4A			
Use	Impairment	3.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00207	2002 2014 Federal TMDL ID # Not assigned
Sources: Wildlife Other than Waterfowl			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Beaverdam Creek		
TMDL Group ID:	00065		
VAN-A07R_BEC01A00	Beaverdam Creek	LOUDOUN CO	Segment begins at the confluence with North Fork Beaverdam Creek, approximately 0.27 rivermile upstream of Route 746, and continues downstream until the confluence with North Fork Goose Creek.
VA Overall AU Category: 4A			
Use	Impairment	6.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00065 2006 2003	Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 13 samples - 46.2%) were recorded at DEQ's ambient water quality monitoring station (1ABEC004.76) at the Route 734 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septs systems and straight pipes. Segment listed as Category 4A - Federal ID 17734.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Blacks Run		
TMDL Group ID:	00082		
VAV-B26R_BLK01A00	Blacks Run	HARRISONBURG CITY	Blacks Run from the headwaters downstream to its confluence with Cooks Creek.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	10.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00082	2004 2010 Federal TMDL ID # 9470
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00082	1996 2010 Federal TMDL ID # 9470
		Sources: Municipal (Urbanized High Density Area)	
		Wildlife Other than Waterfowl	
TMDL Group ID:	00084		
VAV-B26R_BLK01A00	Blacks Run	HARRISONBURG CITY	Blacks Run from the headwaters downstream to its confluence with Cooks Creek.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	10.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00084	1996 2010 Federal TMDL ID # 9510
		Sources: Municipal (Urbanized High Density Area)	
		Non-Point Source	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Bridge Creek		
TMDL Group ID:	10062		
VAP-A34E_BRI02C98	Bridge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105D, 9/15/2004 Sq. mileage adjusted in 2006, although area did not change CB5MH
VA Overall AU Category: 5D			
Use	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	10062	2006 2003 Category 4A VAP-A34E-18 VDH-DSS Condemnation Notice 010-105D, 9/15/2004 The segment was delisted in 2004 because the area was reopened for harvest, but was closed in the 9/15/2004 condemnation, so is considered impaired in the 2006 cycle. However, the segment received a fecal coliform allocation in the "Little Wicomico River Watershed TMDL for Three Shellfish Areas Listed Due to Bacteria Contamination" report which was approved by EPA on 12/18/2003. Therefore it will be considered Cat. 4A for shellfish consumption.
Sources: Non-Point Source			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Catoctin Creek		
TMDL Group ID:	00162		
VAN-A02R_CAX01A00	Catoctin Creek	LOUDOUN CO	Segment begins at the confluence with Milltown Creek, approximately 1.2 rivermiles downstream of Route 673, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 4A			
Use	Impairment	7.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00162	2006 2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 17 samples - 29.4%) were recorded at DEQ's ambient water quality monitoring station (1ACAX004.57) at the Route 663 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform impairment, beginning in 1994. Segment listed as Category 4A - Federal ID 18118.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Catoctin Creek, North Fork		
TMDL Group ID:	00159		
VAN-A02R_NOC01A00	North Fork Catoctin Creek	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary to North Fork Catoctin Creek, approximately 0.2 rivermile downstream from the Route 287 bridge, and continues downstream until the confluence with Catoctin Creek.
VA Overall AU Category: 4A			
Use	Impairment	4.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00159 1996 2002	A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 7 samples - 28.6%) were recorded at DEQ's ambient water quality monitoring station (1ANOC000.42) at the Route 681 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 20484.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Catoctin Creek, North Fork	
TMDL Group ID:		00159	
VAN-A02R_NOC03A02	North Fork Catoctin Creek	LOUDOUN CO	Segment begins at the confluence of an unnamed tributary to North Fork Catoctin Creek, approximately 0.8 rivermile upstream from Route 719 near Hillsboro, and continues downstream 2.45 rivermiles to an unnamed impoundment.
VA Overall AU Category: 4A			
Use	Impairment	2.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00159 2006	2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 6 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ANOC009.37) at the Route 812 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 20484.
		Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00159 2004	2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 8 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1ANOC009.13) at the Route 690 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 20484.
		Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Catoctin Creek, South Fork		
TMDL Group ID:	00160		
VAN-A02R_SOC01A00	South Fork Catoctin Creek	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary to South Fork Catoctin Creek, approximately 0.55 rivermile upstream from Route Nine, and continues downstream until the confluence with Catoctin Creek.
VA Overall AU Category: 4A			
Use	Impairment	5.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00160	2006 2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 6 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ASOC001.66) at the Route 698 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 21332.
		Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00160	1996 2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 8 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1ASOC001.66) at the Route 698 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 21332.
		Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Catoctin Creek, South Fork	
TMDL Group ID:		00160	
VAN-A02R_SOC02A02	South Fork Catoctin Creek	LOUDOUN CO	Segment begins at confluence with an unnamed tributary, 0.75 rivermile upstream from the Route 287 bridge, and continues downstream until the confluence with another unnamed tributary, approximately 0.55 rivermile upstream from the Route 9 bridge.
VA Overall AU Category: 4A			
Use	Impairment	2.97 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00160	2006 2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 6 samples - 83.3%) were recorded at DEQ's ambient water quality monitoring station (1ASOC007.06) at the Route 738 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 21332.
		Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00160	2002 2002 A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 7 samples - 42.8%) were recorded at DEQ's ambient water quality monitoring station (1ASOC007.06) at the Route 738 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 21332.
		Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	

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Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Catoctin Creek, South Fork	
TMDL Group ID:		00161	
VAN-A02R_SOC03A04	South Fork Catoctin Creek	LOUDOUN CO	Segment begins at the Purcellville town limits and continues downstream until the confluence with an unnamed tributary to South Fork Catoctin Creek, approximately 0.75 rivermile upstream from the Route 287 bridge.
VA Overall AU Category: 5D	Impairment 3.40 MILES	TMDL Group ID 00161	First Listed on 303(d) 2004
Use Recreation	Fecal Coliform	TMDL Schedule 2002	Impairment Specific Comments and/or Impairment Specific VA Category
<p>A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes.</p> <p>Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 8 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1ASOC012.38) at the Route 690 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.</p> <p>Segment listed as Category 4A - Federal ID 21332.</p> <p>Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl</p>			
VAN-A02R_SOC04A04	South Fork Catoctin Creek	LOUDOUN CO	Segment begins at the headwaters of South Fork Catoctin Creek and continue downstream until the Purcellville town limits, downstream from the Route Seve bridge crossing.
VA Overall AU Category: 4A	Impairment 5.17 MILES	TMDL Group ID 00161	First Listed on 303(d) 1996
Use Recreation	Fecal Coliform	TMDL Schedule 2002	Impairment Specific Comments and/or Impairment Specific VA Category
<p>A fecal coliform TMDL for the Catoctin Creek watershed was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes.</p> <p>Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 8 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1ASOC012.38) at the Route 690 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.</p> <p>Segment listed as Category 4A - Federal ID 21332.</p> <p>Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl</p>			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Cedar Run		
TMDL Group ID:	00012		
VAN-A17R_CER01A02	Cedar Run	FAUQUIER CO	Segment begins at the confluence with Walnut Branch, at approximately rivermile 15.2, and continues downstream until the mouth of waterbody A17R.
VA Overall AU Category: 4A			
Use	Impairment	1.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00012 2006 2004 Sufficient exceedances of the instantaneous E.coli criterion (6 of 12 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER009.52) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1996.
			A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.
			Segment listed as Category 4A - Federal ID 18129.
		Sources: Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl	
VAN-A17R_CER02A02	Cedar Run	FAUQUIER CO	Segment begins at the confluence with Turkey Run, approximately 0.15 rivermile upstream from Route 603, and continues downstream until the confluence with Walnut Branch, at approximate rivermile 15.2.
VA Overall AU Category: 4A			
Use	Impairment	5.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00012 2006 2004 Sufficient exceedances of the instantaneous E.coli criterion (9 of 24 samples - 37.5%) were recorded at DEQ's ambient water quality monitoring station (1ACER016.46) at the Route 806 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998.
			A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.
			Segment listed as Category 4A - Federal ID 18129.
		Sources: Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Cedar Run	
TMDL Group ID:		00012	
VAN-A17R_CER03A02	Cedar Run	FAUQUIER CO	Segment begins at the boundary of the PWS designation area, approximately rivermile 25.20, and continues downstream until the confluence with Turkey Run, approximately 0.15 rivermile upstream from Route 603.
VA Overall AU Category: 4A			
Use	Impairment	4.31 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00012 2006 2004	Sufficient exceedances of the instantaneous E.coli criterion (8 of 16 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER025.25) at the Route 602 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures. Segment listed as Category 4A - Federal ID 18129.
Sources: Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl			
VAN-A17R_CER03B06	Cedar Run	FAUQUIER CO	Segment begins at the confluence with Mill Run, approximately 1.2 rivermiles downstream from Route 672, and continues downstream until the boundary of the PWS designation area, at approximately rivermile 25.20.
VA Overall AU Category: 4A			
Use	Impairment	2.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00012 2006 2004	Sufficient exceedances of the instantaneous E.coli criterion (8 of 16 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER025.25) at the Route 602 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures. Segment listed as Category 4A - Federal ID 18129.
Sources: Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description				
Potomac and Shenandoah River Basins							
TMDL Watershed Name:		Cedar Run					
TMDL Group ID:		00012					
VAN-A18R_CER01A02	Cedar Run	PRINCE WILLIAM CO	Segment begins at the boundary of the PWS designation area, at rivermile 7.86, and continues downstream until the confluence with the Occoquan River/Lake Jackson.				
VA Overall AU Category: 4A	Use	Impairment	8.18 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00012	2006	2004	Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 20 samples - 30.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER006.00) at the Route 646 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1996.		
A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.							
Segment listed as Category 4A - Federal ID 18129.							
Sources: Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl							
VAN-A18R_CER01B06	Cedar Run	PRINCE WILLIAM CO	Segment begins at the confluence with Goslin Run and continues downstream until the boundary of the PWS designation area, at rivermile 7.86.				
VA Overall AU Category: 4A	Use	Impairment	1.66 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00012	2006	2004	Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 20 samples - 30.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER006.00) at the Route 646 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1996.		
A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.							
Segment listed as Category 4A - Federal ID 18129.							
Sources: Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl							

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Cedar Run		
TMDL Group ID:	00012		
VAN-A18R_CER02A02	Cedar Run	FAUQUIER CO	Segment begins at the boundary of the PWS designation area, at rivermile 12.81, and continues downstream until the confluence with Goslin Run.
VA Overall AU Category: 4A		PRINCE WILLIAM CO	
Use	Impairment	3.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00012	2006 2004 Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 12 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER009.52) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1996.
			A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.
			Segment listed as Category 4A - Federal ID 18129.
	Sources:	Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl	
VAN-A18R_CER02B06	Cedar Run	FAUQUIER CO	Segment begins at the mouth of watershed A17R and continues downstream until the boundary of the PWS designation area, at rivermile 12.81.
VA Overall AU Category: 4A		PRINCE WILLIAM CO	
Use	Impairment	0.66 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00012	2006 2004 Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 12 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ACER009.52) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1996.
			A bacteria TMDL for the Cedar Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.
			Segment listed as Category 4A - Federal ID 18129.
	Sources:	Grazing in Riparian or Shoreline Zones Manure Runoff Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Chesapeake Bay 5 Mesohaline Embayments			
TMDL Group ID: 00158			
VAP-A34E_LIS01A98	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105B, 6/10/1997 CB5MH
VA Overall AU Category: 5D			
Use	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00158	1998 2003 Category 4A VAP-A34E-16 A segment of the Little Wicomico River was assessed as impaired in 1998 based on VDH SFC105B 6/10/1997. During the 2004 cycle, the segment expanded b/c of VDH-DSS Condemnation Notice 105A, 6/21/2002. However, the 2003 TMDL only covered the original 1998 impairment, which will be classified as Cat. 4A.
Sources: Non-Point Source			
TMDL Group ID: 00172			
VAP-A34E_COO01A98	Cod Creek, Trib to Little Wicomico	NORTHUMBERLAND CO	Described in the condemnation notice 105A, 06/10/1997. CB5MH
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00172	1998 2003 Category 4A VAP-A34E-15 Cod Creek was assessed as impaired during the 1998 cycle because of VDH-DSS Shellfish Condemnation 105B, 6/10/1997. In the 2004 cycle, the segment was shortened by 0.3 sq. mi., however the 12/18/2003 Little Wicomico River TMDL report included the entire 1998 segment. This segment will be classified as Cat. 4A during the 2006 cycle.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Chesapeake Bay 5 Mesohaline Embayments		
TMDL Group ID:	10062		
VAP-A34E_BRI02C98	Bridge Creek	NORTHUMBERLAND CO	Described in the condemnation notice 010-105D, 9/15/2004 Sq. mileage adjusted in 2006, although area did not change CB5MH
VA Overall AU Category: 5D			
Use	Impairment	0.09 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	10062	2006 2003 Category 4A VAP-A34E-18 VDH-DSS Condemnation Notice 010-105D, 9/15/2004 The segment was delisted in 2004 because the area was reopened for harvest, but was closed in the 9/15/2004 condemnation, so is considered impaired in the 2006 cycle. However, the segment received a fecal coliform allocation in the "Little Wicomico River Watershed TMDL for Three Shellfish Areas Listed Due to Bacteria Contamination" report which was approved by EPA on 12/18/2003. Therefore it will be considered Cat. 4A for shellfish consumption.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Christians Creek			
TMDL Group ID: 00076			
VAV-B14R_CST01A00	Christians Creek	AUGUSTA CO	Christians Creek from its confluence with Barterbrook Branch downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	16.64 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00076	1996 2004 Federal TMDL ID # 7683
This station has been assessed as Slightly Impaired for the past two assessment cycles but EPA will not allow De-Listing. The VRO biologist has very little confidence in the Not Supporting Assessment for this parameter.			
Sources: Source Unknown			
VAV-B14R_CST02A00	Christians Creek	AUGUSTA CO	Christians Creek from the headwaters downstream to its confluence with Barterbrook Branch.
VA Overall AU Category: 4A			
Use	Impairment	14.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00076	1996 2004 Federal TMDL ID # 7683
This station has been assessed as Slightly Impaired for the past two assessment cycles but EPA will not allow De-Listing. The VRO biologist has very little confidence in the Not Supporting Assessment for this parameter.			
Sources: Source Unknown			
TMDL Group ID: 00085			
VAV-B14R_CST01A00	Christians Creek	AUGUSTA CO	Christians Creek from its confluence with Barterbrook Branch downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	16.64 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00085	2004 2002 Federal TMDL ID # 9480
Sources: Municipal (Urbanized High Density Area)			
Non-Point Source			
Recreation	Fecal Coliform	00085	1996 2002 Federal TMDL ID # 9480
Sources: Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Christians Creek		
TMDL Group ID:	00085		
VAV-B14R_CST02A00	Christians Creek	AUGUSTA CO	Christians Creek from the headwaters downstream to its confluence with Barterbrook Branch.
VA Overall AU Category: 4A			
Use	Impairment	14.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00085 2004 2002	Federal TMDL ID # 9480
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00085 1996 2002	Federal TMDL ID # 9480
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Coan River		
TMDL Group ID:	00175		
VAP-A34E_XFJ01A98	Coan River, UT	NORTHUMBERLAND CO	Described in the condemnation notice 008-214D, 12/29/2003. POTMH Size increased during 2004 cycle (0.02 to 0.05 sq. mi)
VA Overall AU Category: 5A			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00175	1998 2010 VAP-A34E-04 VDH-DSS condemnation 8-214D, 12/29/2003 The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Group ID:	85010		
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented. Size adjusted in 2006 POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85010	1998 2016 VAP-A34E-05 Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Coan River			
TMDL Group ID: 85010			
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented.
POTMH			
VA Overall AU Category: 5A			
Use	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85010	1998 2010 VAP-A34E-05
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			
Sources: Non-Point Source			
TMDL Watershed Name: Cockran Spring Branch			
TMDL Group ID: 00086			
VAV-B10R_XDN01A00	Cockran Spring Branch	AUGUSTA CO	Cockran Spring Branch from the spring downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	0.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00086	1996 2004 Federal TMDL ID # 9461
Sources: Aquaculture (Permitted)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Cod Creek			
TMDL Group ID: 00172			
VAP-A34E_COO01A98	Cod Creek, Trib to Little Wicomico	NORTHUMBERLAND CO	Described in the condemnation notice 105A, 06/10/1997. CB5MH
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00172	1998 2003 Category 4A VAP-A34E-15 Cod Creek was assessed as impaired during the 1998 cycle because of VDH-DSS Shellfish Condemnation 105B, 6/10/1997. In the 2004 cycle, the segment was shortened by 0.3 sq. mi., however the 12/18/2003 Little Wicomico River TMDL report included the entire 1998 segment. This segment will be classified as Cat. 4A during the 2006 cycle.
Sources: Non-Point Source			
TMDL Watershed Name: Congers Creek			
TMDL Group ID: 97003			
VAV-B29R_CNG01A00	Congers Creek	ROCKINGHAM CO	Congers Creek from the headwaters downstream to its confluence with Mill Creek.
VA Overall AU Category: 4A			
Use	Impairment	5.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	97003	2004 2004 Federal TMDL ID # 9468 Sources: Non-Point Source Wildlife Other than Waterfowl

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Cooks Creek			
TMDL Group ID: 00083			
VAV-B25R_CKS01A00	Cooks Creek	ROCKINGHAM CO	Cooks Creek from its confluence with Silver Creek (at Route 701 Slab Crossing) downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	7.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00083	1996 2002 Federal TMDL ID # 9509 & 9510
Sources: Non-Point Source			
VAV-B25R_CKS02A04	Cooks Creek	ROCKINGHAM CO	Cooks Creek from the headwaters downstream to its confluence with Silver Creek (at the Route 701 Slab Crossing).
VA Overall AU Category: 4A			
Use	Impairment	6.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00083	1996 2016 Federal TMDL ID # 9509
Sources: Non-Point Source			
TMDL Group ID: 00092			
VAV-B25R_CKS01A00	Cooks Creek	ROCKINGHAM CO	Cooks Creek from its confluence with Silver Creek (at Route 701 Slab Crossing) downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	7.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00092	2004 2002 Federal TMDL ID # 9473
Sources: Non-Point Source			
Wildlife Other than Waterfowl			
Recreation	Fecal Coliform	00092	1996 2002 Federal TMDL ID # 9473
Sources: Non-Point Source			
Wildlife Other than Waterfowl			
VAV-B25R_CKS02A04	Cooks Creek	ROCKINGHAM CO	Cooks Creek from the headwaters downstream to its confluence with Silver Creek (at the Route 701 Slab Crossing).
VA Overall AU Category: 4A			
Use	Impairment	6.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00092	2004 2002 Federal TMDL ID # 9473
Sources: Non-Point Source			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Cooks Creek		
TMDL Group ID:	00092		
Recreation	Fecal Coliform	00092 1996 2016	Federal TMDL ID # 9473
	Sources: Non-Point Source Wildlife Other than Waterfowl		
TMDL Watershed Name:	Cromwells Run		
TMDL Group ID:	00063		
VAN-A05R_CRM01A00	Cromwells Run	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Cromwells Run, approximately 0.78 rivermile downstream from Route 715, and continues downstream until the confluence with Rocky Creek, approximately 0.4 rivermil downstream from Route 50.
VA Overall AU Category: 4A		LOUDOUN CO	
Use	Impairment	3.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00063 1998 2003	A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septs systems and straight pipes. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (6 of 18 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (1ACRM001.20) at the Route 50 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID 18212.
	Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Cub Run		
TMDL Group ID:	00093		
VAV-B34R_CBR01A00	Cub Run	ROCKINGHAM CO	Cub Run from the headwaters downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	13.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00093	2004 2004 Federal TMDL ID # 18237
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00093	1998 2004 Federal TMDL ID # 18237
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
TMDL Watershed Name:	Dry Fork		
TMDL Group ID:	01633		
VAV-B47R_DFK01A00	Dry Fork	ROCKINGHAM CO	Dry Fork from the headwaters downstream to its confluence with Smith Creek.
VA Overall AU Category: 5D			
Use	Impairment	10.08 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01633	2004 2004 Category 4A- Federal TMDL ID # 21281
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Dry River		
TMDL Group ID:	00094		
VAV-B21R_DUR01A00	Dry River	ROCKINGHAM CO	Dry River from its confluence with Muddy Creek downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	2.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00094	2004 2000 Category 4A - Federal TMDL ID # 1492
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00094	1998 2000 Category 4A - Federal TMDL ID # 1492
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
VAV-B21R_DUR02A00	Dry River	ROCKINGHAM CO	Dry River from the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake downstream to its confluence with Muddy Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00094	2004 2000 Category 4A - Federal TMDL ID # 1492
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00094	1998 2000 Category 4A - Federal TMDL ID # 1492
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
VAV-B21R_DUR03A00	Dry River	ROCKINGHAM CO	Dry River from the Route 613 bridge downstream to the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	1.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00094	2004 2000 Category 4A - Federal TMDL ID # 1492
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00094	1998 2000 Category 4A - Federal TMDL ID # 1492
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Duck Run		
TMDL Group ID:	97002		
VAV-B29R_DKR01A00	Duck Run	ROCKINGHAM CO	Duck Run from its headwaters downstream to its confluence with Mill Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.78 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	97002	1996 2004 Federal TMDL ID # 9468
	Sources:	Non-Point Source Wildlife Other than Waterfowl	
TMDL Watershed Name:	East Hawksbill Creek		
TMDL Group ID:	50237		
VAV-B39R_EHC01A00	East Hawksbill Creek	PAGE CO	East Hawksbill Creek from the headwaters downstream to its confluence with Hawksbill Creek.
VA Overall AU Category: 4A			
Use	Impairment	9.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50237	2006 2004 Federal TMDL ID # 19344
	Sources:	Non-Point Source Wildlife Other than Waterfowl	
		According to Section 7.2, Rule 3 of the 2006 Virginia Water Quality Assessment Guidance, this water is categorized as 4A based on its inclusion within the geographical area covered by the Hawksbill Creek TMDL for bacteria. Newly listed for bacteria in 2006.	
TMDL Watershed Name:	Edison Creek		
TMDL Group ID:	01598		
VAV-B10R_EDN01A00	Eidson Creek	AUGUSTA CO	Eidson Creek from the headwaters downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	8.66 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01598	2004 2004 Federal TMDL ID # 7683
	Sources:	Non-Point Source Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Elk Run		
TMDL Group ID:	01600		
VAV-B13R_ELK01A00	Elk Run	AUGUSTA CO	Elk Run from the headwaters downstream to its confluence with Moffett Creek
VA Overall AU Category: 4A			
Use	Impairment	3.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01600 2004 2004	Federal TMDL ID # 7679
Sources:			
TMDL Watershed Name:	Folly Mills Creek		
TMDL Group ID:	01599		
VAV-B14R_FMC01A00	Folly Mills Creek	AUGUSTA CO	Folly Mills Creek including tributary from the headwaters downstream to its confluence with Christians Creek.
VA Overall AU Category: 4A			
Use	Impairment	13.14 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01599 2004 2004	Federal TMDL ID # 17969
Sources: Non-Point Source			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Fourmile Run		
TMDL Group ID:	00070		
VAN-A12R_FOU01A00	Fourmile Run	ALEXANDRIA CITY	Segment begins at the headwaters of Fourmile Run and continues downstream until rivermile 1.46, approximately 0.27 rivermile upstream from the Arlington Ridge Road bridge. Segment includes non-tidal waters of Fourmile Run.
VA Overall AU Category: 4A		FALLS CHURCH CITY	
Use	Impairment	7.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00070	2006 2002 A fecal coliform TMDL was developed for the free-flowing waters of Four Mile Run, and was submitted to the U.S. EPA on April 29, 2002 and approved May 31, 2002. The sources of fecal coliform bacteria requiring reductions are human sources including leaking sewer lines and illicit sewer connections, dog waste, and wildlife waste.
			Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 13 samples - 46.2%) were recorded at DEQ's ambient water quality monitoring station (1AFOU001.92) at the West Glebe Road bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1994.
			Segment listed as Category 4A - Federal ID 19004.
	Sources:	Illicit Connections/Hook-ups to Storm Sewers	
		Wastes from Pets	
		Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Goose Creek		
TMDL Group ID:	00062		
VAN-A08R_GOO01A00	Goose Creek	LOUDOUN CO	Segment begins below the Goose Creek impoundment and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5D			
Use	Impairment	4.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00062 2006 2003 A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.
			Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 13 samples - 38.5%) were recorded at DEQ's ambient water quality monitoring station (1AGOO002.38) at the Route 7 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.
			Segment listed as Category 4A - Federal ID 18813.
	Sources:	Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas	
TMDL Group ID:	00071		
VAN-A08R_GOO01A00	Goose Creek	LOUDOUN CO	Segment begins below the Goose Creek impoundment and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 5D			
Use	Impairment	4.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)		00071 1998 2004 A benthic TMDL for the Goose Creek watershed was approved by the U.S. EPA on April 26, 2004. Goose Creek and Little River are borderline cases of aquatic life impairments. For the most part, they are classified as slightly impaired when compared to their reference sites. The presence of sediment tolerant species in greater abundance in Goose Creek and Little River represents the clearest difference between the impaired sites and their references. It is therefore likely that sediment loads in excess of those found in their references are the cause of the differences observed in the macroinvertebrate communities in Goose Creek and Little River.
			Segment listed as Category 4A - Federal ID 18814.
	Sources:	Crop Production (Crop Land or Dry Land) Post-development Erosion and Sedimentation Rangeland Grazing Site Clearance (Land Development or Redevelopment)	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Goose Creek, North Fork		
TMDL Group ID:	00064		
VAN-A06R_NOG02A00	North Fork Goose Creek	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary to North Fork Goose Creek, approximately 0.25 rivermile upstream from Route 725, and continues downstream until the confluence with Crooked Run, 0.35 rivermile upstream from Route 729.
VA Overall AU Category: 4A			
Use	Impairment	4.29 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00064 2006 2003	A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septs systems and straight pipes. Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 13 samples - 61.5%) were recorded at DEQ's ambient water quality monitoring station (1ANOG005.69) at the Route 722 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID 20490.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Hawksbill Creek		
TMDL Group ID:	00020		
VAV-B39R_HKS01A00	Hawksbill Creek	PAGE CO	Hawksbill Creek from its confluence with East Hawksbill Creek downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	7.04 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00020 2006 2004	Federal TMDL ID # 19344
			According to Section 7.2, Rule 3 of the 2006 Virginia Water Quality Assessment Guidance, this water is categorized as 4A based on its inclusion within the geographical area covered by the Hawksbill Creek TMDL for bacteria.
			Newly listed for bacteria in 2006.
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
VAV-B39R_HKS02A00	Hawksbill Creek	PAGE CO	Hawksbill Creek from the headwaters downstream to its confluence with East Hawksbill Creek.
VA Overall AU Category: 4A			
Use	Impairment	12.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00020 2004 2004	Federal TMDL ID # 19344
	Sources: Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00020 2002 2004	Federal TMDL ID # 19344
	Sources: Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Headly Cove		
TMDL Group ID:	85011		
VAP-A34E_HEA01A98	Headly Cove	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 2/25/1997. POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85011	1998 2010 VAP-A34E-05
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Holmans Creek	
TMDL Group ID:		00095	
VAV-B45R_HMN01A00	Holmans Creek	SHENANDOAH CO	Holmans Creek from its confluence with an unnamed tributary at the Quicksburg Road bridge downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 4A	Impairment	4.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00095 1996 2004	Federal TMDL ID # 9577
Sources: Non-Point Source Wildlife Other than Waterfowl			
VAV-B45R_HMN02A00	Holmans Creek	SHENANDOAH CO	Holmans Creek from the Flat Rock Road bridge near Moores Store downstream to its confluence with an unnamed tributary at the Quicksburg Road bridge crossing.
VA Overall AU Category: 4A	Impairment	2.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00095 1996 2004	Federal TMDL ID # 9577
Sources: Non-Point Source Wildlife Other than Waterfowl			
VAV-B45R_HMN03A00	Holmans Creek	ROCKINGHAM CO	Holmans Creek from the headwaters downstream to its to the Flat Road Road bridge crossing near Moores Store.
VA Overall AU Category: 4A	Impairment	2.94 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00095 1996 2004	Federal TMDL ID # 9577
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Group ID:		00096	
VAV-B45R_HMN01A00	Holmans Creek	SHENANDOAH CO	Holmans Creek from its confluence with an unnamed tributary at the Quicksburg Road bridge downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 4A	Impairment	4.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00096 1996 2004	Federal TMDL ID # 19410
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Holmans Creek			
TMDL Group ID: 00096			
VAV-B45R_HMN02A00	Holmans Creek	SHENANDOAH CO	Holmans Creek from the Flat Rock Road bridge near Moores Store downstream to its confluence with an unnamed tributary at the Quicksburg Road bridge crossing.
VA Overall AU Category: 4A	Use	Impairment	2.49 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d)
		00096	1996
		TMDL Schedule	2004
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 19410	
Sources: Non-Point Source			
VAV-B45R_HMN03A00	Holmans Creek	ROCKINGHAM CO	Holmans Creek from the headwaters downstream to its to the Flat Road Road bridge crossing near Moores Store.
SHENANDOAH CO			
VA Overall AU Category: 4A	Use	Impairment	2.94 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d)
		00096	1996
		TMDL Schedule	2004
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 19410	
Sources: Non-Point Source			
TMDL Watershed Name: Honey Run			
TMDL Group ID: 01610			
VAV-B21R_HNY01A02	Honey Run	ROCKINGHAM CO	Honey Run from the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Supply Intake downstream to its confluence with Dry River.
VA Overall AU Category: 4A	Use	Impairment	1.06 MILES
Recreation	Fecal Coliform	TMDL Group ID	First Listed on 303(d)
		01610	2004
		TMDL Schedule	2001
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 7686	
Sources: Non-Point Source			
Wildlife Other than Waterfowl			
VAV-B21R_HNY02A02	Honey Run	ROCKINGHAM CO	Honey Run from the headwaters downstream to the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake.
VA Overall AU Category: 4A	Use	Impairment	2.01 MILES
Recreation	Fecal Coliform	TMDL Group ID	First Listed on 303(d)
		01610	2004
		TMDL Schedule	2001
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 7686	
Sources: Non-Point Source			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Killneck Creek			
TMDL Group ID: 00173			
VAP-A34E_KNC01A98	Killneck Creek	NORTHUMBERLAND CO	Described in the condemnation notice 8-214B, 12/29/2003. POTMH
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00173	1998 2004 VAP-A34E-02
VDH-DSS Condemnation 8-214B, 12/29/2003			
The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.			
Sources: Non-Point Source			
TMDL Watershed Name: Lacey Spring			
TMDL Group ID: 00087			
VAV-B47R_LAC01A00	Lacey Spring	ROCKINGHAM CO	Lacey Spring Branch from the spring downstream to its confluence with Smith Creek.
VA Overall AU Category: 4A			
Use	Impairment	0.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00087	1998 2002 Federal TMDL ID # 9496
Sources: Aquaculture (Permitted)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Lewis Creek			
TMDL Group ID: 00007			
VAV-B12R_LEW01A00	Lewis Creek	AUGUSTA CO	Lewis Creek south of the Staunton City boundary near the power line crossing downstream to its confluence with Middle River.
VA Overall AU Category: 5D	STAUNTON CITY		
Use	Impairment	9.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00007 2004	2004 Category 4A - Federal TMDL ID # 7677
Sources: Municipal (Urbanized High Density Area) Non-Point Source Wildlife Other than Waterfowl			
TMDL Group ID: 00239			
VAV-B12R_LEW01A00	Lewis Creek	AUGUSTA CO	Lewis Creek south of the Staunton City boundary near the power line crossing downstream to its confluence with Middle River.
VA Overall AU Category: 5D	STAUNTON CITY		
Use	Impairment	9.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00239 1996	2004 Category 4A - Federal TMDL ID # 7676
Sources: Non-Point Source			
TMDL Watershed Name: Lick Run			
TMDL Group ID: 50230			
VAV-B09R_LIR01A00	Lick Run	FREDERICK CO	Lick Run (also known as Hiatt Run) from its headwaters downstream to its confluence with Opequon Creek.
VA Overall AU Category: 4A			
Use	Impairment	8.87 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50230 2006	2004 Federal TMDL ID # 20941
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Licking Run	
TMDL Group ID:		00013	
VAN-A17R_LIL01A00	Licking Run	FAUQUIER CO	Segment begins at the boundary of the PWS designation area, approximately 0.24 rivermile downstream from Route 602, and continues downstream until the confluence with Cedar Run.
VA Overall AU Category: 4A	Impairment	6.34 MILES	TMDL Group ID
Use	Escherichia coli		First Listed on 303(d)
Recreation			TMDL Schedule
			Impairment Specific Comments and/or Impairment Specific VA Category
			A bacteria TMDL for the Licking Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.
			Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 20 samples - 35.0%) were recorded at DEQ's ambient water quality monitoring station (1ALIL001.43) at the Route 616 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998.
			Segment listed as Category 4A - Federal ID 19595.
	Sources:	Grazing in Riparian or Shoreline Zones	
		Manure Runoff	
		Waterfowl	
		Wildlife Other than Waterfowl	
VAN-A17R_LIL01B06	Licking Run	FAUQUIER CO	Segment begins at Route 602, below the mouth of Germantown Lake, and continues downstream until the boundary of the PWS designation area.
VA Overall AU Category: 4A	Impairment	0.24 MILES	TMDL Group ID
Use	Escherichia coli		First Listed on 303(d)
Recreation			TMDL Schedule
			Impairment Specific Comments and/or Impairment Specific VA Category
			A bacteria TMDL for the Licking Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream and from loadings to pastures.
			Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 20 samples - 35.0%) were recorded at DEQ's ambient water quality monitoring station (1ALIL001.43) at the Route 616 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998.
			Segment listed as Category 4A - Federal ID 19595.
	Sources:	Grazing in Riparian or Shoreline Zones	
		Manure Runoff	
		Waterfowl	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Limestone Branch		
TMDL Group ID:	00026		
VAN-A03R_LIM01A00	Limestone Branch	LOUDOUN CO	Segment begins at the edge of the PWS supply designation, approximately 0.05 rivermile upstream from the Route 15 bridge, and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 4A			
Use	Impairment	1.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00026	2006 2004 A bacteria TMDL for the Limestone Branch watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 20 samples - 40.0%) were recorded at DEQ's ambient water quality monitoring station (1ALIM001.16) at the Route 15 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform bacteria impairment, beginning in 2002. Segment listed as Category 4A - Federal ID 19596.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Limestone Branch		
TMDL Group ID:	00026		
VAN-A03R_LIM01B06	Limestone Branch	LOUDOUN CO	Segment begins at the headwaters of Limestone Branch and continues downstream until the edge of the PWS supply designation, approximately 0.05 rivermile upstream from the Route 15 bridge.
VA Overall AU Category: 4A			
Use	Impairment	3.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00026	2006 2004 A bacteria TMDL for the Limestone Branch watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 20 samples - 40.0%) were recorded at DEQ's ambient water quality monitoring station (1ALIM001.16) at the Route 15 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform bacteria impairment, beginning in 2002. Segment listed as Category 4A - Federal ID 19596.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Linville Creek			
TMDL Group ID: 00097			
VAV-B46R_LNV01A00	Linville Creek	ROCKINGHAM CO	Linville Creek from the 5 mile upper limit of the PWS designation for the Broadway Pubic Water Intake downstream to its confluence with the North For Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	5.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00097	2004 2004 Federal TMDL ID # 19713
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00097	1996 2004 Federal TMDL ID # 19713
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
VAV-B46R_LNV02A04	Linville Creek	ROCKINGHAM CO	Linville Creek from the headwaters downstream to the 5 mile upper limit of the PWS designation for the Broadway Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	8.33 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00097	2004 2016 Federal TMDL ID # 19713
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00097	1996 2016 Federal TMDL ID # 19713
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	
TMDL Group ID: 00157			
VAV-B46R_LNV01A00	Linville Creek	ROCKINGHAM CO	Linville Creek from the 5 mile upper limit of the PWS designation for the Broadway Pubic Water Intake downstream to its confluence with the North For Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	5.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00157	1996 2004 Federal TMDL ID # 19713
	Sources:	Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Linville Creek	
TMDL Group ID:		00157	
VAV-B46R_LNV02A04	Linville Creek	ROCKINGHAM CO	Linville Creek from the headwaters downstream to the 5 mile upper limit of the PWS designation for the Broadway Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	8.33 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00157	1996 2016 Federal TMDL ID # 19713
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Little River			
TMDL Group ID: 00066			
VAN-A08R_LIV01A00	Little River	LOUDOUN CO	Segment begins at the confluence with Hungry Run, approximately 1.5 rivermiles upstream from Route 50 near Aldie, and continues downstream until the confluence with Goose Creek.
VA Overall AU Category: 4A	Impairment 6.13 MILES	TMDL Group ID 00066	First Listed on 303(d) 1998
Use Recreation	Fecal Coliform	TMDL Schedule 2003	Impairment Specific Comments and/or Impairment Specific VA Category
<p>A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.</p> <p>Sufficient exceedances of the instantaneous fecal coliform bacteria criterion were recorded at DEQ's special study station (1ALIV001.70) at the Route 15 bridge (2 of 11 samples - 18.2%) and ambient station (1ALIV004.78) at the Route 50 bridge (7 of 19 samples - 36.8%) to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.</p> <p>Segment listed as Category 4A - Federal ID 19650.</p> <p>Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas</p>			
TMDL Group ID: 00072			
VAN-A08R_LIV01A00	Little River	LOUDOUN CO	Segment begins at the confluence with Hungry Run, approximately 1.5 rivermiles upstream from Route 50 near Aldie, and continues downstream until the confluence with Goose Creek.
VA Overall AU Category: 4A	Impairment 6.13 MILES	TMDL Group ID 00072	First Listed on 303(d) 1998
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category
<p>A benthic TMDL for the Goose Creek watershed was approved by the U.S. EPA on April 26, 2004. Goose Creek and Little River are borderline cases of aquatic life impairments. For the most part, they are classified as slightly impaired when compared to their reference sites. The presence of sediment tolerant species in greater abundance in Goose Creek and Little River represents the clearest difference between the impaired sites and their references. It is therefore likely that sediment loads in excess of those found in their references are the cause of the differences observed in the macroinvertebrate communities in Goose Creek and Little River.</p> <p>Segment listed as Category 4A - Federal ID 19651.</p> <p>Sources: Crop Production (Crop Land or Dry Land) Post-development Erosion and Sedimentation Rangeland Grazing Site Clearance (Land Development or Redevelopment)</p>			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Little Wicomico River			
TMDL Group ID: 00158			
VAP-A34E_LIS01A98	Little Wicomico River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 105B, 6/10/1997 CB5MH
VA Overall AU Category: 5D			
Use	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00158	1998 2003 Category 4A VAP-A34E-16 A segment of the Little Wicomico River was assessed as impaired in 1998 based on VDH SFC105B 6/10/1997. During the 2004 cycle, the segment expanded b/c of VDH-DSS Condemnation Notice 105A, 6/21/2002. However, the 2003 TMDL only covered the original 1998 impairment, which will be classified as Cat. 4A.
Sources: Non-Point Source			
TMDL Watershed Name: Long Glade Creek			
TMDL Group ID: 00015			
VAV-B24R_LGC01A00	Long Glade Creek	AUGUSTA CO ROCKINGHAM CO	Long Glade Creek from the headwaters downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	10.75 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00015	1998 2010 Federal TMDL ID # 19708
Sources: Non-Point Source Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Long Meadow Run		
TMDL Group ID:	50232		
VAV-B14R_LMR01A00	Long Meadow Run	AUGUSTA CO	Long Meadow Run and tributary from the headwaters downstream to its confluence with Christians Creek.
VA Overall AU Category: 5D			
Use	Impairment	10.08 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50232 2006 2004	According to Section 7.2, Rule 3 of the 2006 Virginia Water Quality Assessment Guidance, this water is categorized as 4A based on its inclusion within the geographical area covered by the Christians Creek TMDL for bacteria. Newly impaired for bacteria in 2006. Category 4A - Federal TMDL ID # 17969
Sources: Non-Point Source			
TMDL Watershed Name:	Middle River Watershed, Lower		
TMDL Group ID:	00009		
VAV-B15R_MDL01A00	Middle River	AUGUSTA CO	Middle River from its confluence with Christians Creek downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	17.57 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00009 1996 2004	Federal TMDL ID # 7683
Sources: Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Middle River, Upper			
TMDL Group ID: 00006			
VAV-B10R_MDL01A00	Middle River	AUGUSTA CO	Middle River from its confluence with Back Creek downstream to its confluence with Eidson Creek.
VA Overall AU Category: 4A	Impairment	4.70 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00006	2004 2004 Federal TMDL ID # 7683
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B10R_MDL02A00	Middle River	AUGUSTA CO	Middle River from its confluence with Cockran Spring Branch downstream to its confluence with Back Creek.
VA Overall AU Category: 4A	Impairment	9.15 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00006	2004 2004 Federal TMDL ID # 7683
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B10R_MDL03A00	Middle River	AUGUSTA CO	Middle River from the headwaters downstream to its confluence with Cockran Spring Branch.
VA Overall AU Category: 4A	Impairment	1.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00006	2004 2004 Federal TMDL ID # 7683
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B11R_MDL01A00	Middle River	AUGUSTA CO	Middle River from its confluence with Buffalo Creek downstream to its confluence with Jennings Branch.
VA Overall AU Category: 4A	Impairment	3.35 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00006	2006 2004 Federal TMDL ID # 7683
Recreation		Sources: Non-Point Source	
VAV-B11R_MDL02A00	Middle River	AUGUSTA CO	Middle River from its confluence with Eidson Creek downstream to its confluence with Buffalo Branch.
VA Overall AU Category: 4A	Impairment	3.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00006	2006 2004 Federal TMDL ID # 7683
Recreation		Sources: Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>Potomac and Shenandoah River Basins</i>			
TMDL Watershed Name:		Middle River, Upper	
TMDL Group ID:		00073	
VAV-B10R_MDL01A00	Middle River	AUGUSTA CO	Middle River from its confluence with Back Creek downstream to its confluence with Eidson Creek.
VA Overall AU Category: 4A	Impairment	4.70 MILES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00073	1998
			2004
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 7683	
Sources: Source Unknown			
VAV-B10R_MDL02A00	Middle River	AUGUSTA CO	Middle River from its confluence with Cockran Spring Branch downstream to its confluence with Back Creek.
VA Overall AU Category: 4A	Impairment	9.15 MILES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00073	1998
			2004
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 7683	
Sources: Source Unknown			
VAV-B10R_MDL03A00	Middle River	AUGUSTA CO	Middle River from the headwaters downstream to its confluence with Cockran Spring Branch.
VA Overall AU Category: 4A	Impairment	1.86 MILES	TMDL Group ID
Use			First Listed on 303(d)
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00073	1998
			2004
		Impairment Specific Comments and/or Impairment Specific VA Category	
		Federal TMDL ID # 7683	
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Mill Creek		
TMDL Group ID:	00098		
VAV-B29R_MIC01A00	Mill Creek	ROCKINGHAM CO	Mill Creek from its confluence with Duck Run downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	2.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00098	2004 2004 Federal TMDL ID # 9468
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00098	1996 2004 Federal TMDL ID # 9468
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
VAV-B29R_MIC02A00	Mill Creek	ROCKINGHAM CO	Mill Creek from the headwaters downstream to its confluence with Duck Run.
VA Overall AU Category: 4A			
Use	Impairment	3.34 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00098	2004 2004 Federal TMDL ID # 9468
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00098	1996 2004 Federal TMDL ID # 9468
	Sources: Non-Point Source		
	Wildlife Other than Waterfowl		
TMDL Group ID:	00099		
VAV-B29R_MIC01A00	Mill Creek	ROCKINGHAM CO	Mill Creek from its confluence with Duck Run downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	2.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00099	1996 2004 Federal TMDL ID # 9676
	Sources: Non-Point Source		
VAV-B29R_MIC02A00	Mill Creek	ROCKINGHAM CO	Mill Creek from the headwaters downstream to its confluence with Duck Run.
VA Overall AU Category: 4A			
Use	Impairment	3.34 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00099	1996 2004 Federal TMDL ID # 9676
	Sources: Source Unknown		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Mill Creek			
TMDL Group ID: 00213			
VAV-B38R_MLC01A00	Mill Creek	PAGE CO	Mill Creek from the headwaters downstream to its confluence with South Fork Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	6.78 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00213 1998 2004	Federal TMDL ID # 19994
Sources: Non-Point Source Wildlife Other than Waterfowl			
TMDL Group ID: 85012			
VAP-A34E_MII01A06	Mill Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Coan River
			POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85012 1998 2010	VAP-A34E-05
Sources: Non-Point Source			
Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Moffett Creek			
TMDL Group ID: 00008			
VAV-B13R_MFT01A00	Moffett Creek	AUGUSTA CO	Moffett Creek from the headwaters downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	9.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00008	1996 2004 Federal TMDL ID # 7679
Sources: Wildlife Other than Waterfowl			
TMDL Group ID: 00075			
VAV-B13R_MFT01A00	Moffett Creek	AUGUSTA CO	Moffett Creek from the headwaters downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	9.53 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00075	1996 2004 Federal TMDL ID # 7678
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Mossy Creek	
TMDL Group ID:		00014	
VAV-B19R_MSS01A00	Mossy Creek	AUGUSTA CO	Mossy Creek from the 5 mile upper limit for the Bridgewater Public Water Intake downstream to its confluence with North River.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	2.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00014	2004 2010 Federal TMDL ID # 1585
	Sources:	Non-Point Source Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00014	1996 2010 Federal TMDL ID # 1585
	Sources:	Non-Point Source Wildlife Other than Waterfowl	
VAV-B19R_MSS02A00	Mossy Creek	AUGUSTA CO	Mossy Creek from the headwaters downstream to the 5 mile upper limit for the PWS designation for the Bridgewater Public Water Intake.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	7.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00014	2004 2010 Federal TMDL ID # 1585
	Sources:	Non-Point Source Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00014	1996 2010 Federal TMDL ID # 1585
	Sources:	Non-Point Source Wildlife Other than Waterfowl	
TMDL Group ID:		00114	
VAV-B19R_MSS01A00	Mossy Creek	AUGUSTA CO	Mossy Creek from the 5 mile upper limit for the Bridgewater Public Water Intake downstream to its confluence with North River.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	2.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00114	1998 2010 Federal TMDL ID # 10673
	Sources:	Source Unknown	
		The VRO biologist assessed this station as Slightly Impaired for the 2004 assessment period but EPA requires that it be listed as impaired.	
		This AU was on the Plaintiffs list in 1998 even though it has always Fully Supported the Aquatic Life Use.	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Mossy Creek			
TMDL Group ID: 00114			
VAV-B19R_MSS02A00	Mossy Creek	AUGUSTA CO	Mossy Creek from the headwaters downstream to the 5 mile upper limit for the PWS designation for the Bridgewater Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	7.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00114	1998 2010 Federal TMDL ID # 10673
The VRO biologist assessed this station as Slightly Impaired for the 2004 assessment period but EPA requires that it be listed as impaired.			
This AU was on the Plaintiffs list in 1998.			
Sources: Source Unknown			
TMDL Watershed Name: Mountain Run			
TMDL Group ID: 50238			
VAV-B47R_MTN01A00	Mountain Run	ROCKINGHAM CO	Mountain Run and tributary from its confluence with Fridley Run downstream to its confluence with Smith Creek.
VA Overall AU Category: 5D			
Use	Impairment	5.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50238	2006 2004 Category 4A - Federal TMDL ID # 21281
Sources: Wildlife Other than Waterfowl			
VAV-B47R_MTN02A00	Mountain Run	ROCKINGHAM CO	Mountain Run from the headwaters downstream to its confluence with Fridley Run.
VA Overall AU Category: 5D			
Use	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50238	2006 2004 Category 4A - Federal TMDL ID # 21281
Sources: Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Muddy Creek		
TMDL Group ID:	00100		
VAV-B22R_MDD01A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake downstream to its confluence with Dry River.
VA Overall AU Category: 4A			
Use	Impairment	2.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00100	2004 2002 Federal TMDL ID # 1589
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00100	1996 2002 Federal TMDL ID # 1589
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
VAV-B22R_MDD02A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from its confluence with War Branch downstream to the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	1.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00100	2004 2002 Federal TMDL ID # 1589
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00100	1996 2002 Federal TMDL ID # 1589
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
VAV-B22R_MDD03A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from the headwaters downstream to its confluence with War Branch.
VA Overall AU Category: 4A			
Use	Impairment	6.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00100	2004 2002 Federal TMDL ID # 1589
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00100	1996 2002 Federal TMDL ID # 1589
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Muddy Creek	
TMDL Group ID:		00101	
VAV-B22R_MDD01A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake downstream to its confluence with Dry River.
VA Overall AU Category: 4A			
Use	Impairment	2.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00101 1996 2002	Federal TMDL ID # 7689
Sources: Non-Point Source			
VAV-B22R_MDD02A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from its confluence with War Branch downstream to the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	1.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00101 1996 2002	Federal TMDL ID # 7689
Sources: Non-Point Source			
VAV-B22R_MDD03A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from the headwaters downstream to its confluence with War Branch.
VA Overall AU Category: 4A			
Use	Impairment	6.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00101 1996 2002	Federal TMDL ID # 7689
Sources: Non-Point Source			
TMDL Group ID:		00166	
VAV-B22R_MDD01A00	Muddy Creek	ROCKINGHAM CO	Muddy Creek from the 5 mile upper limit of the PWS designation for the Bridgewater Public Water Intake downstream to its confluence with Dry River.
VA Overall AU Category: 4A			
Use	Impairment	2.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Public Water Supply	Nitrogen, Nitrate	00166 2004 2002	Federal TMDL ID # 7688
Sources:			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Naked Creek		
TMDL Group ID:	00103		
VAV-B28R_NKD01A00	Naked Creek	AUGUSTA CO	Naked Creek from the headwaters downstream to its confluence with North River.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	6.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00103 2004 2002	Federal TMDL ID # 7710
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00103 1996 2002	Federal TMDL ID # 7710
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	North River		
TMDL Group ID:	00205		
VAV-B23R_NTH01A04	North River	AUGUSTA CO	North River from its confluence with Naked Creek downstream to its confluence with South River.
VA Overall AU Category: 4A		ROCKINGHAM CO	
Use	Impairment	8.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00205	2004 2010
		Sources: Non-Point Source Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00205	1996 2010
		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B23R_NTH02A04	North River	ROCKINGHAM CO	North River from its confluence with Cooks Creek downstream to its confluence with Naked Creek.
VA Overall AU Category: 4A			
Use	Impairment	6.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00205	2004 2010
		Sources: Non-Point Source Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00205	1996 2010
		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B23R_NTH03A04	North River	ROCKINGHAM CO	North River from the Harrisonburg Public Water Intake downstream to its confluence with Cooks Creek.
VA Overall AU Category: 4A			
Use	Impairment	3.29 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00205	1996 2010
		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B23R_NTH04A04	North River	ROCKINGHAM CO	North River from its confluence with Dry River downstream to the Harrisonburg Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	2.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00205	1996 2010
		Sources: Non-Point Source Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: North River			
TMDL Group ID: 00206			
VAV-B23R_NTH01A04	North River	AUGUSTA CO	North River from its confluence with Naked Creek downstream to its confluence with South River.
ROCKINGHAM CO			
VA Overall AU Category: 4A	Impairment	8.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00206	1998 2010
Sources: Source Unknown			
VAV-B23R_NTH02A04	North River	ROCKINGHAM CO	North River from its confluence with Cooks Creek downstream to its confluence with Naked Creek.
ROCKINGHAM CO			
VA Overall AU Category: 4A	Impairment	6.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00206	1998 2010
Sources: Source Unknown			
TMDL Watershed Name: Opequon Creek Watershed, Upper			
TMDL Group ID: 00077			
VAV-B08R_OPE01A00	Opequon Creek	FREDERICK CO	Opequon Creek and its tributaries from the headwaters downstream to its confluence with Abrams Creek.
FREDERICK CO			
VA Overall AU Category: 4A	Impairment	24.82 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00077	2004 2010 Federal TMDL ID # 20941
Sources: Municipal (Urbanized High Density Area) Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Opequon Creek, Lower			
TMDL Group ID: 00079			
VAV-B09R_OPE01A00	Opequon Creek	FREDERICK CO	Opequon Creek from its confluence with Abrams Creek downstream to the VAWVA state line.
VA Overall AU Category: 4A			
Use	Impairment	9.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00079 1996 2004	Federal TMDL ID # 20941
Sources: Municipal (Urbanized High Density Area)			
Wildlife Other than Waterfowl			
TMDL Group ID: 00081			
VAV-B09R_OPE01A00	Opequon Creek	FREDERICK CO	Opequon Creek from its confluence with Abrams Creek downstream to the VAWVA state line.
VA Overall AU Category: 4A			
Use	Impairment	9.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00081 2004 2004	Federal TMDL ID # 20160
Sources: Municipal (Urbanized High Density Area)			
TMDL Watershed Name: Orndorff Spring Branch			
TMDL Group ID: 00088			
VAV-B52R_XOS01A00	Orndorff Spring Branch	SHENANDOAH CO	Orndorff Spring Branch from the spring downspring to its confluence with Cedar Creek.
VA Overall AU Category: 4A			
Use	Impairment	0.15 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00088 1998 2004	Federal TMDL ID # 9460
Sources: Aquaculture (Permitted)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Pass Run		
TMDL Group ID:	01745		
VAV-B39R_PSS01A00	Pass Run	PAGE CO	Pass Run from the headwaters downstream to its confluence with Hawksbill Creek.
VA Overall AU Category: 4A			
Use	Impairment	9.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	01745 2004 2014	Federal TMDL ID # 19344
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	01745 2002 2014	Federal TMDL ID # 19344
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
TMDL Watershed Name:	Pine Run		
TMDL Group ID:	50233		
VAV-B30R_PNE01A00	Pine Run	AUGUSTA CO	Pine Run and tributaries from the headwaters downstream to its confluence with South River.
VA Overall AU Category: 4A			
Use	Impairment	15.76 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50233 2006 2004	Federal TMDL ID # 7700
			Newly listed for bacteria in 2006.
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Piney Run		
TMDL Group ID:	00023		
VAN-A01R_PIA01A00	Piney Run	LOUDOUN CO	Segment begins at the mouth of an unnamed pond on Piney Run and continues downstream until the confluence with the Potomac River.
VA Overall AU Category: 4A			
Use	Impairment	3.52 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00023	2006 2004 A bacteria TMDL for the Piney Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 19 samples - 31.6%) were recorded at DEQ's ambient water quality monitoring station (1APIA001.80) at the Route 671 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID 21109.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Pleasant Run		
TMDL Group ID:	00105		
VAV-B27R_PLR01A00	Pleasant Run	ROCKINGHAM CO	Pleasant Run from the headwaters downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	6.31 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00105	2004 2004 Federal TMDL ID # 9469
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00105	1996 2004 Federal TMDL ID # 9469
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	
TMDL Group ID:	00106		
VAV-B27R_PLR01A00	Pleasant Run	ROCKINGHAM CO	Pleasant Run from the headwaters downstream to its confluence with North River.
VA Overall AU Category: 4A			
Use	Impairment	6.31 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00106	1996 2004 Federal TMDL ID # 9508
		Sources: Non-Point Source	
TMDL Watershed Name:	Polecat Draft		
TMDL Group ID:	00010		
VAV-B15R_PCD01A00	Polecat Draft	AUGUSTA CO	Polecat Draft and tributary from the headwaters downstream to its confluence with Middle River.
VA Overall AU Category: 4A			
Use	Impairment	7.47 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00010	1996 2004 Federal TMDL ID # 7683
		Sources: Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Potomac Mesohaline Embayments	
TMDL Group ID:		00173	
VAP-A34E_KNC01A98	Killneck Creek	NORTHUMBERLAND CO	Described in the condemnation notice 8-214B, 12/29/2003.
POTMH			
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00173	1998 2004 VAP-A34E-02
VDH-DSS Condemnation 8-214B, 12/29/2003			
The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.			
Sources: Non-Point Source			
TMDL Group ID:		00174	
VAP-A34E_XFI01A98	Stevens Point	NORTHUMBERLAND CO	Described in the condemnation notice 8-214C, 12/29/2003
Sq. mileage adjusted in 2006			
POTMH			
VA Overall AU Category: 5D			
Use	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00174	1998 2004 Category 4A
VAP-A34E-03			
VDH-DSS condemnation 8-214C, 12/29/2003			
The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.			
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Potomac Mesohaline Embayments			
TMDL Group ID: 00175			
VAP-A34E_XFJ01A98	Coan River, UT	NORTHUMBERLAND CO	Described in the condemnation notice 008-214D, 12/29/2003. POTMH Size increased during 2004 cycle (0.02 to 0.05 sq. mi)
VA Overall AU Category: 5A	Impairment	0.05 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00175	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-A34E-04
			VDH-DSS condemnation 8-214D, 12/29/2003
			The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Group ID: 00937			
VAP-A34E_GLB01A98	The Glebe	NORTHUMBERLAND CO	Described in the condemnation notice 145D, 2/25/1997. POTMH
VA Overall AU Category: 5D	Impairment	0.13 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	00937	1998
			2004
			Impairment Specific Comments and/or Impairment Specific VA Category
			Category 4A
			VAP-A34E-01
			A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for the expanded area will be due in 2018.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Potomac Mesohaline Embayments	
TMDL Group ID:		85010	
VAP-A34E_COA01A02	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 11/27/2002, not otherwise segmented. Size adjusted in 2006 POTMH
VA Overall AU Category: 5A	Impairment	0.02 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	85010	1998
			2016
			Impairment Specific Comments and/or Impairment Specific VA Category
			Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).
Sources: Non-Point Source			
VAP-A34E_COA01A98	Coan River	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145I, 2/25/1997, not otherwise segmented. POTMH
VA Overall AU Category: 5A	Impairment	0.33 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform	85010	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			Headly Cove, Mill Creek and a portion of the Coan River were assessed as impaired of the Shellfish Use in 1998 because of VDH SFC 145H and 145I, 2/25/1997. During the 2004 cycle, the segments expanded and merged due to VDH-DSS Condemnation Notice 145H, 11/27/2002. However the 12/18/2003 Coan River Shellfish TMDL report only addressed the original impairments, which will be considered Cat. 4A. The TMDL for the 2004 area is due in 2016. In addition, the segment expanded downstream again in the 2006 cycle; the TMDL for that portion is due in 2018 and is addressed in fact sheet VAP-A34E-32 (10068).
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Potomac Mesohaline Embayments			
TMDL Group ID: 85011			
VAP-A34E_HEA01A98	Headly Cove	NORTHUMBERLAND CO	Described in the VDH-DSS Condemnation Notice 145H, 2/25/1997. POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85011	1998 2010 VAP-A34E-05
Sources: Non-Point Source			
TMDL Group ID: 85012			
VAP-A34E_MII01A06	Mill Creek	NORTHUMBERLAND CO	Tidal limit to mouth at Coan River POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85012	1998 2010 VAP-A34E-05
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Potomac Mesohaline Embayments			
TMDL Group ID: 85500			
VAP-A34E_GLB01A04	The Glebe	NORTHUMBERLAND CO	VDH-DSS notice 145C, 11/27/2002 boundary upstream to VDDH-DSS notice 145D, 2/25/1997 boundary
POTMH			
VA Overall AU Category: 5A			
Use	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85500	1998 2016 VAP-A34E-01
A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for this expanded area will be due in 2018.			
Sources: Non-Point Source			
TMDL Watershed Name: Quail Run			
TMDL Group ID: 00107			
VAV-B35R_QAL01A00	Quail Run	ROCKINGHAM CO	Quail Run from the Bloomer Springs Road bridge downstream to its confluence with Boone Run.
VA Overall AU Category: 5D			
Use	Impairment	4.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00107	1998 2003 Category 4A - Federal TMDL ID # 20863 & 20864
Sources: Municipal Point Source Discharges			
VAV-B35R_QAL02A00	Quail Run	ROCKINGHAM CO	Quail Run from the Massanutten STP discharge downstream to the Bloomer Springs Road bridge.
VA Overall AU Category: 5D			
Use	Impairment	0.70 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00107	1998 2003 Category 4A - Federal TMDL ID # 20863 & 20864
Sources: Municipal Point Source Discharges			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>Potomac and Shenandoah River Basins</i>			
TMDL Watershed Name:	Redbud Run		
TMDL Group ID:	97005		
VAV-B09R_RED01A00	Redbud Run	FREDERICK CO	Redbud Run and tributary from its headwaters downstream to its confluence with Opequon Creek.
VA Overall AU Category: 5D			
Use	Impairment	8.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	97005	2004 2004 Category 4A - Federal TMDL ID # 20941
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Shenandoah River PCB		
TMDL Group ID:	00104		
VAV-B41R_SSF01A00	South Fork Shenandoah River	WARREN CO	South Fork Shenandoah River from its confluence with Cabin Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	1.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Sources: Contaminated Sediments			
VAV-B41R_SSF02A00	South Fork Shenandoah River	WARREN CO	South Fork Shenandoah River from the Rivermont Drive Bridge downstream to its confluence with Cabin Run.
VA Overall AU Category: 5D	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Sources: Contaminated Sediments			
VAV-B51R_NFS01A00	North Fork Shenandoah River	WARREN CO	North Fork Shenandoah River from the dam at the boat ramp downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	0.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Sources: Contaminated Sediments			
VAV-B51R_NFS02A00	North Fork Shenandoah River	WARREN CO	North Fork Shenandoah River from its confluence with Passage Creek downstream to the dam at the boat ramp.
VA Overall AU Category: 4A	Impairment	4.60 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00104	2002 Federal TMDL ID # 7715
Sources: Contaminated Sediments			
TMDL Group ID:	00191		
VAV-B55R_SHN01A00	Shenandoah River	CLARKE CO	Shenandoah River from the powerplant dam near Front Royal downstream to confluence with Long Branch.
VA Overall AU Category: 4A	Impairment	12.69 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Fish Consumption	PCB in Fish Tissue	00191	1998 2002 Federal TMDL ID # 7715
Sources: Contaminated Sediments			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Shenandoah River PCB			
TMDL Group ID: 00191			
VAV-B55R_SHN02A00	Shenandoah River	WARREN CO	Shenandoah River from the confluence of the North and South Fork's downstream to the power plant dam near Front Royal.
VA Overall AU Category: 5D	Impairment	3.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00191	1998 2002 Category 4A - Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
VAV-B57R_SHN01A00	Shenandoah River	CLARKE CO	Shenandoah River from the 5 mile upper limit of the PWS designation for the Berryville Public Water Intake downstream to its confluence with Craig Run.
VA Overall AU Category: 4A	Impairment	2.60 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00191	1998 2002 Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
VAV-B57R_SHN02A00	Shenandoah River	CLARKE CO	Shenandoah River from its confluence with Spout Run downstream to the 5 mile upper limit of the PWS designation for the Berryville Public Water Intake.
VA Overall AU Category: 4A	Impairment	3.29 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00191	1998 2002 Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
VAV-B57R_SHN03A00	Shenandoah River	CLARKE CO	Shenandoah River from its confluence with Long Branch downstream to its confluence with Spout Run.
VA Overall AU Category: 4A	Impairment	7.72 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00191	1998 2002 Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
VAV-B58R_SHN01A00	Shenandoah River	CLARKE CO	Shenandoah River from the Berryville Public Water Intake downstream to the VA/WVA State Line.
VA Overall AU Category: 4A	Impairment	5.71 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00191	1998 2002 Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: Shenandoah River PCB			
TMDL Group ID: 00191			
VAV-B58R_SHN02A00	Shenandoah River	CLARKE CO	Shenandoah River from its confluence with Craig Run downstream to the Berryville Public Water Intake.
VA Overall AU Category: 4A			
Use	Impairment	2.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Fish Consumption	PCB in Fish Tissue	00191	1998 2002 Federal TMDL ID # 7715
Sources: Contaminated Sediments			
TMDL Watershed Name: Silver Creek			
TMDL Group ID: 01744			
VAV-B25R_SLV01A04	Silver Creek	ROCKINGHAM CO	Silver Creek from the headwaters downstream to its confluence with Sunset Heights Branch.
VA Overall AU Category: 4A			
Use	Impairment	0.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01744	2002 2004 Federal TMDL ID # 9470
Sources: Non-Point Source Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Smith Creek	
TMDL Group ID:		00028	
VAV-B47R_SMT01A00	Smith Creek	SHENANDOAH CO	Smith Creek from the New Market Public Water Intake downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 4A	Impairment	13.60 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00028	1996 2004 Federal TMDL ID # 21281
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B47R_SMT02A00	Smith Creek	ROCKINGHAM CO	Smith Creek from its confluence with War Branch downstream to the New Market Public Water Intake.
VA Overall AU Category: 4A	Impairment	5.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00028	1996 2004 Federal TMDL ID # 21281
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B47R_SMT03A00	Smith Creek	ROCKINGHAM CO	Smith Creek from the Shenandoah Fisheries outfall downstream to its confluence with War Branch.
VA Overall AU Category: 4A	Impairment	6.34 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00028	1996 2004 Federal TMDL ID # 21281
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	
VAV-B47R_SMT04A00	Smith Creek	ROCKINGHAM CO	Smith Creek from the headwaters downstream to the Shenandoah Fisheries outfall.
VA Overall AU Category: 4A	Impairment	8.66 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00028	1996 2004 Federal TMDL ID # 21281
Recreation		Sources: Non-Point Source Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Smith Creek	
TMDL Group ID:		00156	
VAV-B47R_SMT01A00	Smith Creek	SHENANDOAH CO	Smith Creek from the New Market Public Water Intake downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 4A	Use	Impairment	13.60 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 00156	First Listed on 303(d) 1998
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category
			Federal TMDL ID # 21280
			1BSMT005.71 - Has fully supported the Aquatic Life Use for the past 3 assessment cycles but EPA will not let the parameter be De-Listed. This station has been moved about 1 mile upstream to river mile 6.62 because construction removed the access.
Sources: Source Unknown			
VAV-B47R_SMT02A00	Smith Creek	ROCKINGHAM CO	Smith Creek from its confluence with War Branch downstream to the New Market Public Water Intake.
VA Overall AU Category: 4A		SHENANDOAH CO	
Use	Impairment	5.28 MILES	TMDL Group ID
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00156	First Listed on 303(d) 2006
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category
			Federal TMDL ID # 21280
			1BSMT005.71 - Has fully supported the Aquatic Life Use for the past 3 assessment cycles but EPA will not let the parameter be De-Listed. This station has been moved about 1 mile upstream to river mile 6.62 because construction removed the access.
Sources: Source Unknown			
VAV-B47R_SMT03A00	Smith Creek	ROCKINGHAM CO	Smith Creek from the Shenandoah Fisheries outfall downstream to its confluence with War Branch.
VA Overall AU Category: 4A			
Use	Impairment	6.34 MILES	TMDL Group ID
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00156	First Listed on 303(d) 2004
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category
			Federal TMDL ID # 21280
			1BSMT005.71 - Has fully supported the Aquatic Life Use for the past 3 assessment cycles but EPA will not let the parameter be De-Listed. This station has been moved about 1 mile upstream to river mile 6.62 because construction removed the access.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>Potomac and Shenandoah River Basins</i>			
TMDL Watershed Name:	South River, Upper		
TMDL Group ID:	00011		
VAV-B30R_STH01A00	South River	AUGUSTA CO	South River from the headwaters downstream to its confluence with Stony Rui
VA Overall AU Category: 4A			
Use	Impairment	11.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00011	1996 2004 Federal TMDL ID # 7700
	Sources:	Non-Point Source	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name: South River/South Fork Shenandoah River Hg			
TMDL Group ID: 00104			
VAV-B41R_SSF01A00	South Fork Shenandoah River	WARREN CO	South Fork Shenandoah River from its confluence with Cabin Run downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	1.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
VAV-B41R_SSF02A00	South Fork Shenandoah River	WARREN CO	South Fork Shenandoah River from the Rivermont Drive Bridge downstream to its confluence with Cabin Run.
VA Overall AU Category: 5D	Impairment	0.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
VAV-B51R_NFS01A00	North Fork Shenandoah River	WARREN CO	North Fork Shenandoah River from the dam at the boat ramp downstream to its confluence with the South Fork Shenandoah River.
VA Overall AU Category: 5D	Impairment	0.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00104	1998 2002 Category 4A - Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		
TMDL Group ID: 00191			
VAV-B55R_SHN02A00	Shenandoah River	WARREN CO	Shenandoah River from the confluence of the North and South Fork's downstream to the power plant dam near Front Royal.
VA Overall AU Category: 5D	Impairment	3.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	PCB in Fish Tissue	00191	1998 2002 Category 4A - Federal TMDL ID # 7715
Fish Consumption	Sources: Contaminated Sediments		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Stevens Point		
TMDL Group ID:	00174		
VAP-A34E_XFI01A98	Stevens Point	NORTHUMBERLAND CO	Described in the condemnation notice 8-214C, 12/29/2003 Sq. mileage adjusted in 2006 POTMH
VA Overall AU Category: 5D	Impairment	0.04 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00174	1998 2004 Category 4A
Shellfishing			VAP-A34E-03 VDH-DSS condemnation 8-214C, 12/29/2003 The shellfish condemnation for this segment was included in "Coan River Watershed Total Maximum Daily Load (TMDL) Report for Six Shellfish Areas,," which was approved by EPA on 12/02/2004. The segment should be classified as Category 4A for shellfish consumption.
Sources: Non-Point Source			
TMDL Watershed Name:	Sunset Heights Branch		
TMDL Group ID:	01743		
VAV-B25R_XBU01A02	Sunset Heights Branch	HARRISONBURG CITY	Sunset Heights Branch from the headwaters downstream to its confluence wit Cooks Creek.
VA Overall AU Category: 4A	Impairment	4.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	01743	2004 2002 Federal TMDL ID # 9470
Recreation			
Sources: Non-Point Source Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Potomac and Shenandoah River Basins						
TMDL Watershed Name:		Sycolin Creek				
TMDL Group ID:		00068				
VAN-A08R_SYC01A00	Sycolin Creek	LOUDOUN CO	Segment begins at rivermile 1.20, the boundary of the PWS designation, and continues downstream until the confluence with Goose Creek.			
VA Overall AU Category: 4A	Impairment	1.20 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use						
Recreation	Fecal Coliform		00068	1998	2003	A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.
						Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 19 samples - 15.8%) were recorded at DEQ's ambient water quality monitoring station (1ASYC002.03) at the Route 653 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
						Segment listed as Category 4A - Federal ID 21970.
	Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas					
VAN-A08R_SYC01B06	Sycolin Creek	LOUDOUN CO	Segment begins at the confluence with an unnamed tributary to Syolin Creek, approximately 0.23 rivermile upstream from Route 643, and continues downstream until rivermile 1.20, the boundary of the PWS designation.			
VA Overall AU Category: 4A	Impairment	1.65 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use						
Recreation	Fecal Coliform		00068	1998	2003	A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.
						Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 19 samples - 15.8%) were recorded at DEQ's ambient water quality monitoring station (1ASYC002.03) at the Route 653 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
						Segment listed as Category 4A - Federal ID 21970.
	Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas					

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		Sycolin Creek	
TMDL Group ID:		00068	
VAN-A08R_SYC02A02	Sycolin Creek	LOUDOUN CO	Segment begins at the confluence with South Fork Sycolin Creek and continues downstream until the confluence with an unnamed tributary to Sycolin Creek, approximately 0.23 rivermile upstream from Route 643.
VA Overall AU Category: 4A	Impairment	3.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00068	1998 2003
A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.			
Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (5 of 7 samples - 71.4%) were recorded at DEQ's ambient water quality monitoring station (1ASYC004.93) at the Route 621 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.			
Segment listed as Category 4A - Federal ID 21970.			
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas			
VAN-A08R_SYC03A02	Sycolin Creek	LOUDOUN CO	Segment begins at the headwaters of Sycolin Creek and continues downstream until the confluence with South Fork Sycolin Creek.
VA Overall AU Category: 4A	Impairment	3.59 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Fecal Coliform	00068	1998 2003
A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes.			
Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 7 samples - 42.8%) were recorded at DEQ's ambient water quality monitoring station (1ASYC007.43) at the Route 797 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.			
Segment listed as Category 4A - Federal ID 21970.			
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Sycolin Creek, South Fork		
TMDL Group ID:	00067		
VAN-A08R_SFS01A02	South Fork Sycolin Creek	LOUDOUN CO	Segment begins at the headwaters of South Fork Sycolin Creek and continues downstream until the confluence with Sycolin Creek.
VA Overall AU Category: 4A			
Use	Impairment	3.31 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00067	2002 2003 A fecal coliform TMDL for the Goose Creek watershed was approved by the U.S. EPA on May 1, 2003. The sources of fecal coliform bacteria requiring reductions are direct deposition from cattle, pasture run-off, and human contributions from failing septic systems and straight pipes. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (4 of 8 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (1ASFS000.28) at the Route 15 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Sewage Discharges in Unsewered Areas			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:		The Glebe	
TMDL Group ID:		00937	
VAP-A34E_GLB01A98	The Glebe	NORTHUMBERLAND CO	Described in the condemnation notice 145D, 2/25/1997. POTMH
VA Overall AU Category: 5D			
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00937	1998 2004 Category 4A VAP-A34E-01 A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for the expanded area will be due in 2018.
Sources: Non-Point Source			
TMDL Group ID:		85500	
VAP-A34E_GLB01A04	The Glebe	NORTHUMBERLAND CO	VDH-DSS notice 145C, 11/27/2002 boundary upstream to VDDH-DSS notice 145D, 2/25/1997 boundary POTMH
VA Overall AU Category: 5A			
Use	Impairment	0.10 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	85500	1998 2016 VAP-A34E-01 A portion of Glebe Creek was initially assessed as impaired of the Shellfish Use due to VDH-DSS Condemnation Notice 145D, 2/25/1997. In the 2004 cycle, the segment was extended to match condemnation 145C, 11/27/2002. However, the 12/02/2004 TMDL was only performed on the 1998 portion. The AU has been shortened to match the original impairment, which will be classified as Cat. 4A, TMDL completed. The portion of Glebe Creek that was impaired in 2004 will have a due date of 2016. In addition, the segment was further extended in 2006; the TMDL for this expanded area will be due in 2018.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Potomac and Shenandoah River Basins			
TMDL Watershed Name:	Toms Brook		
TMDL Group ID:	00108		
VAV-B50R_TMB01A00	Toms Brook	SHENANDOAH CO	Toms Brook from the headwaters downstream to its confluence with the North Fork Shenandoah River.
VA Overall AU Category: 4A			
Use	Impairment	7.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00108	2004 Federal TMDL ID # 21697
Sources: Source Unknown			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Angola Creek		
TMDL Group ID:	00035		
VAC-J06R_ANG01A00	Angola Creek	CUMBERLAND CO	Angola Creek from its headwaters to the confluence with an unnamed tributary downstream of Route 664.
VA Overall AU Category: 4A			
Use	Impairment	4.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00035 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
TMDL Group ID:	00036		
VAC-J06R_ANG02A00	Angola Creek	CUMBERLAND CO	Angola Creek from an unnamed tributary downstream of Route 664 to the mouth at the Appomattox River.
VA Overall AU Category: 4A			
Use	Impairment	2.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00036 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Appomattox River		
TMDL Group ID:	00029		
VAC-J01R_APP03A02	Appomattox River	APPOMATTOX CO	Appomattox River from Vaughan's Creek to a point 5 miles upstream of Farmville's raw water intake.
VA Overall AU Category: 4A		PRINCE EDWARD CO	
Use	Impairment	6.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00029 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
VAC-J01R_APP04A02	Appomattox River	BUCKINGHAM CO	Appomattox River from Farmville's raw water intake to a point 5 miles upstream
VA Overall AU Category: 4A		PRINCE EDWARD CO	
Use	Impairment	4.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00029 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
VAC-J01R_APP05A04	Appomattox River	CUMBERLAND CO	Farmville's raw water intake downstream to watershed boundary
VA Overall AU Category: 4A		PRINCE EDWARD CO	
Use	Impairment	9.11 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00029 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
VAC-J06R_APP05A02	Appomattox River	AMELIA CO	The portion of the Appomattox River within the watershed.
VA Overall AU Category: 4A		PRINCE EDWARD CO	
Use	Impairment	20.89 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00029 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Appomattox River		
TMDL Group ID:	00029		
VAP-J07R_APP01A98	Appomattox River	AMELIA CO POWHATAN CO	The portion of the Appomattox River within this watershed.
VA Overall AU Category: 4A	Impairment 28.61 MILES	TMDL Group ID 00029	First Listed on 303(d) 2006
Use Recreation	Escherichia coli	TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Cat 4A: E. coli VAC-J01R-01 Segment has been assessed as impaired of the Recreation Use due to fecal coliform violations since 1994. During the 2006 cycle, the TMDL was completed for E. coli and EPA approved on 8/30/2004. The segment is assessed as Cat. 4A for bacteria.
Sources: Agriculture Non-Point Source			
VAP-J10R_APP01A98	Appomattox River	AMELIA CO CHESTERFIELD CO	The Appomattox River from river mile 53.70 downstream to the confluence of Deep Creek. The segment was extended in 2006 to incorporate VAP-J10R-APP02A04.
VA Overall AU Category: 4A	Impairment 10.14 MILES	TMDL Group ID 00029	First Listed on 303(d) 2006
Use Recreation	Escherichia coli	TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Cat 4A: E. coli VAC-J01R-01 00029 (FC) A TMDL Development Report for E. coli has been completed and was approved by EPA on 8/30/04. In the 2006 cycle, segment was assessed as Cat. 4A, however the EPA TMDLID code was not available.
Sources: Agriculture Municipal Point Source Discharges Non-Point Source			
Recreation	Fecal Coliform	00029 1996	2004 Cat 4A: E. coli VAC-J01R-01 A TMDL Development Report for E. coli has been completed and was approved by EPA on 8/30/04. In the 2006 cycle, segment was assessed as Cat. 4A, however the EPA TMDLID code was not available.
Sources: Agriculture Municipal Point Source Discharges Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Appomattox River, Lower		
TMDL Group ID:	00044		
VAP-J15R_APP01A98	Appomattox River	CHESTERFIELD CO	The Appomattox River from the Lake Chesdin dam to the fall line at the Route 1/301 bridge.
VA Overall AU Category: 5D		PETERSBURG CITY	
Use	Impairment	8.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00044	2002 2004 Cat 4A - Fecal coliform/E.coli.
			00044 (FC)
			VAP-J15R-01
			In 2002, this segment was originally listed for fecal coliform violations at 2-APP012.79. The bacteria TMDL for the Appomattox River was completed and approved by EPA on 8/30/2004. The segment should be assessed as Cat. 4A, however the EPA TMDLID was not available at the time of assessment.
			In 2006, the bacteria impairment switched from fecal coliform to E. coli.
	Sources: Agriculture		
	Municipal Point Source Discharges		
	Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Appomattox River, Lower and Ashton Creek		
TMDL Group ID:	00043		
VAP-J15E_APP01A98	Lower Appomattox River/Ashton Creek	CHESTERFIELD CO	The estuarine Appomattox River from the fall line to river mile 5.0.
			APPTF.
VA Overall AU Category: 5D		PRINCE GEORGE CO	
Use	Impairment	0.94 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00043	1998 2004 Cat 4A: Fecal coliform/E.coli
			00043 (FC)
			VAP-J15E-01,
			In 1998, this segment was listed for fecal coliform violations. The bacteria TMDL Development for the Appomattox River was completed and approved by EPA on 8/30/2004. The segment should be assessed as Cat. 4A, however the EPA TMDLID was not available at the time of assessment.
			In 2006, the bacteria impairment switched from fecal coliform to E. coli.
	Sources: Agriculture		
	Municipal Point Source Discharges		
	Non-Point Source		
VAP-J15E_APP02A98	Appomattox River	CHESTERFIELD CO	The estuarine portion of the Appomattox River from river mile 5.0 to the confluence with the James River.
			APPTF.
VA Overall AU Category: 5D		PRINCE GEORGE CO	
Use	Impairment	1.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00043	1998 2004 Cat 4A: Fecal coliform/E.coli
			00043 (FC)
			VAP-J15E-01
			In 1998, this segment was listed for fecal coliform violations. The bacteria TMDL Development for the Appomattox River was completed and approved by EPA on 8/30/2004. The segment should be assessed as Cat. 4A, however the EPA TMDLID was not available at the time of assessment.
			In 2006, the bacteria impairment switched from fecal coliform to E. coli.
	Sources: Agriculture		
	Municipal Point Source Discharges		
	Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Appomattox River, Lower and Ashton Creek		
TMDL Group ID:	00044		
VAP-J15R_APP01A98	Appomattox River	CHESTERFIELD CO	The Appomattox River from the Lake Chesdin dam to the fall line at the Route 1/301 bridge.
VA Overall AU Category: 5D		PETERSBURG CITY	
Use	Impairment	8.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00044	2002 2004 Cat 4A - Fecal coliform/E.coli.
			00044 (FC)
			VAP-J15R-01
			In 2002, this segment was originally listed for fecal coliform violations at 2-APP012.79. The bacteria TMDL for the Appomattox River was completed and approved by EPA on 8/30/2004. The segment should be assessed as Cat. 4A, however the EPA TMDLID was not available at the time of assessment.
			In 2006, the bacteria impairment switched from fecal coliform to E. coli.
	Sources: Agriculture		
	Municipal Point Source Discharges		
	Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Appomattox River, Lower and Tributaries		
TMDL Group ID:	00043		
VAP-J15E_APP01A98	Lower Appomattox River/Ashton Creek	CHESTERFIELD CO	The estuarine Appomattox River from the fall line to river mile 5.0.
			APPTF.
VA Overall AU Category: 5D		PRINCE GEORGE CO	
Use	Impairment	0.94 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00043	1998 2004 Cat 4A: Fecal coliform/E.coli
			00043 (FC)
			VAP-J15E-01,
			In 1998, this segment was listed for fecal coliform violations. The bacteria TMDL Development for the Appomattox River was completed and approved by EPA on 8/30/2004. The segment should be assessed as Cat. 4A, however the EPA TMDLID was not available at the time of assessment.
			In 2006, the bacteria impairment switched from fecal coliform to E. coli.
	Sources: Agriculture Municipal Point Source Discharges Non-Point Source		
VAP-J15E_APP02A98	Appomattox River	CHESTERFIELD CO	The estuarine portion of the Appomattox River from river mile 5.0 to the confluence with the James River.
			APPTF.
VA Overall AU Category: 5D		PRINCE GEORGE CO	
Use	Impairment	1.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00043	1998 2004 Cat 4A: Fecal coliform/E.coli
			00043 (FC)
			VAP-J15E-01
			In 1998, this segment was listed for fecal coliform violations. The bacteria TMDL Development for the Appomattox River was completed and approved by EPA on 8/30/2004. The segment should be assessed as Cat. 4A, however the EPA TMDLID was not available at the time of assessment.
			In 2006, the bacteria impairment switched from fecal coliform to E. coli.
	Sources: Agriculture Municipal Point Source Discharges Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Briery Creek		
TMDL Group ID:	00034		
VAC-J05R_BRI01A98	Briery Creek	PRINCE EDWARD CO	Briery Creek from the Briery Creek Lake Dam to the confluence with the Bush River.
VA Overall AU Category: 4A			
Use	Impairment	10.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00034 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
<hr/>			
TMDL Watershed Name:	Broad Branch		
TMDL Group ID:	00054		
VAP-H39R_BOD02A06	Broad Branch	GOOCHLAND CO	Broad Branch from its headwaters to the dam upstream of Route 623.
VA Overall AU Category: 5D			
Use	Impairment	2.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054 2004 2004	Category 4A
		VAP-H39R-02	
		The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Bacteria-impaired segments within the watershed should be assessed as Cat. 4A. However, Anderson Branch is considered not assessed for fecal coliform.	
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Bush River		
TMDL Group ID:	00031		
VAC-J03R_BSR03A02	Bush River	PRINCE EDWARD CO	Bush River from Sandy River to Appomattox River
VA Overall AU Category: 4A			
Use	Impairment	0.78 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00031 2002 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
VAC-J04R_BSR02A02	Bush River	PRINCE EDWARD CO	Bush River from the confluence with Millers Creek downstream to the limit of the watershed.
VA Overall AU Category: 4A			
Use	Impairment	4.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00031 2006 2004	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Chickahominy River, Unnamed Tributary		
TMDL Group ID:	00024		
VAP-G05R_XDD01A98	Chickahominy River, UT	HANOVER CO	An unnamed tributary of the Chickahominy River from the Tysons Plant discharge to the confluence with the Chickahominy.
VA Overall AU Category: 4A			
Use	Impairment	1.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00024 1996 2004	VAP-G05R-01
			Biological monitoring of the receiving stream identified a moderately impaired benthic community downstream of the Tyson Plant (VPDES Permit No. VA0004031) discharge when compared to the benthic community immediately upstream of the discharge. This resulted in this segment being assessed as impaired of the Clean Water Act's Aquatic Life Use Support Goal for the 1994 305(b) report. Continued monitoring resulted in a similar assessment for the 1996, 1998, 2002, and 2004 reports.
			The TMDL study for the watershed was completed during the 2006 cycle. Extensive biological and nutrient monitoring was conducted. The benthic impairment continued and a pH impairment was noted at station 2-XDD000.32 (pond). Phosphorus screening values were exceeded at multiple stations.
			The TMDL was approved by EPA on 8/05/2004 and by the SWCB on 3/15/05. The study attributed the benthic impairment to excess phosphorus and high pH. The allocation was 432.69 lbs/year of phosphorus, divided between Tysons Foods (409.35 lbs/yr) and nonpoint sources (23.34 lbs/year).
	Sources: Industrial Point Source Discharge Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Chickahominy River, Unnamed Tributary		
TMDL Group ID:	90070		
VAP-G05R_XDD01A98	Chickahominy River, UT	HANOVER CO	An unnamed tributary of the Chickahominy River from the Tysons Plant discharge to the confluence with the Chickahominy.
VA Overall AU Category: 4A			
Use	Impairment	1.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH		90070 2006 2004 VAP-G05R-01
			<p>Biological monitoring of the receiving stream identified a moderately impaired benthic community downstream of the Tyson Plant (VPDES Permit No. VA0004031) discharge when compared to the benthic community immediately upstream of the discharge. This resulted in this segment being assessed as impaired of the Clean Water Act's Aquatic Life Use Support Goal for the 1994 305(b) report. Continued monitoring resulted in a similar assessment for the 1996, 1998, 2002, and 2004 reports.</p> <p>The TMDL study for the watershed was completed during the 2006 cycle. Extensive biological and nutrient monitoring was conducted. The benthic impairment continued and a pH impairment was noted at stations 2-XDD000.32 and 2-XDD000.40. Phosphorus screening values were exceeded at multiple stations. The chlorophyll A screening was exceeded at 2-XDD000.40 and 2-XDD000.32 as well.</p> <p>The TMDL was approved by EPA on 8/05/2004 and by the SWCB on 3/15/05. The study attributed the benthic impairment to excess phosphorus and high pH. The allocation was 432.69 lbs/year of phosphorus, divided between Tysons Foods (409.35 lbs/yr) and nonpoint sources (23.34 lbs/year).</p>
	Sources:	Industrial Point Source Discharge Non-Point Source	
VAP-G05R_XDD02A06	Chickahominy River, UT	HANOVER CO	Headwaters to Tysons Foods discharge
VA Overall AU Category: 5D			
Use	Impairment	0.58 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	pH		90070 2006 2018 Category 4A
			VAP-G05R-01
			<p>The pH impairment in the segment was determined during the TMDL study for the lower portion of XDD. The TMDL incorporates this segment for pH and therefore the segment should be considered Category 4A.</p>
	Sources:	Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Deep Creek		
TMDL Group ID:	00041		
VAP-J11R_DPC01B00	Deep Creek	AMELIA CO	Deep Creek from Cellars Creek to the confluence with Beaverpond Creek. Segment length increased in 2006.
VA Overall AU Category: 4A			
Use	Impairment	11.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00041	2006 2004 Cat 4A: E. coli 00041 (FC) VAP-J11R-01 Deep Creek was initially assessed for fecal coliform in 2002. In the 2006 cycle, the bacteria impairment switched to E. coli. Bacteria TMDL for Deep Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed at Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available.
Sources: Agriculture Municipal Point Source Discharges Non-Point Source			
VAP-J11R_DPC02A00	Deep Creek	NOTTOWAY CO	Deep Creek from its confluence with Winningham Creek downstream to the confluence with Little Creek. Segment shortened during 2006.
VA Overall AU Category: 4A			
Use	Impairment	5.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00041	2004 2004 Cat 4A: E. coli 00041 (FC) VAP-J11R-02 Bacteria TMDL for Deep Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available. This segment was not specifically addressed in the TMDL report, however the TMDL required a 99% reduction of all anthropogenic sources of fecal coliform in the entire Deep Creek watershed.
Sources: Agriculture Municipal Point Source Discharges Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Flat Creek		
TMDL Group ID:	00039		
VAP-J08R_FLA01A00	Flat Creek	AMELIA CO	Flat Creek from the confluence with Nibbs Creek to the mouth at the Appomattox River.
VA Overall AU Category: 4A			
Use	Impairment	3.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00039 2006 2004	VAP-J08R-01 00039 (FC)
			Flat Creek was initially assessed for fecal coliform in 1994. In the current cycle, the bacteria impairment switched to E. coli.
			Bacteria TMDL for Flat Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed at Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available.
	Sources:	Agriculture	
		Municipal Point Source Discharges	
		Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Fourmile Creek		
TMDL Group ID:	00051		
VAP-G02R_FOM01A02	Fourmile Creek	HENRICO CO	The Fourmile Creek watershed below rivermile 5.57.
VA Overall AU Category: 4A			
Use	Impairment	25.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00051 2006 2004	VAP-G02R-01
<p>The segment was assessed as not supporting of the Recreation use support goal based on an E. coli standard violation rate of 5/20 at the Route 5 bridge (2-FOM003.60). The segment was initially considered threatened in 1998 and downgraded to impaired in 2002 due to fecal coliform violations; the TMDL was due in 2014. The bacteria standard has not converted to E. coli. The bacteria TMDL for the Fourmile Creek watershed was completed and approved by EPA on 9/20/2004. The segment will be assessed as Cat. 4A.</p> <p>Sources: Non-Point Source Urban Runoff/Storm Sewers</p>			
VAP-G02R_FOM02A06	Upper Fourmile Creek	HENRICO CO	Fourmile Creek and tribs upstream of rivermile 5.57
VA Overall AU Category: 5C			
Use	Impairment	5.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00051 2006 2014	VAP-G02R-01
<p>The segment was assessed as not supporting of the Recreation use support goal based on an E. coli standard violation rate of 5/20 at the Route 5 bridge (2-FOM003.60). The segment was initially considered threatened in 1998 and downgraded to impaired in 2002 due to fecal coliform violations; the TMDL was due in 2014. The bacteria standard has not converted to E. coli. The bacteria TMDL for the Fourmile Creek watershed was completed and approved by EPA on 9/20/2004. The segment will be assessed as Cat. 4A.</p> <p>Sources: Non-Point Source Urban Runoff/Storm Sewers</p>			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Fourmile Creek, Upper		
TMDL Group ID:	00051		
VAP-G02R_FOM02A06	Upper Fourmile Creek	HENRICO CO	Fourmile Creek and tribs upstream of rivermile 5.57
VA Overall AU Category: 5C			
Use	Impairment	5.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00051 2006 2014	VAP-G02R-01
Sources: Non-Point Source Urban Runoff/Storm Sewers			
The segment was assessed as not supporting of the Recreation use support goal based on an E. coli standard violation rate of 5/20 at the Route 5 bridge (2-FOM003.60). The segment was initially considered threatened in 1998 and downgraded to impaired in 2002 due to fecal coliform violations; the TMDL was due in 2014. The bacteria standard has not converted to E. coli. The bacteria TMDL for the Fourmile Creek watershed was completed and approved by EPA on 9/20/2004. The segment will be assessed as Cat. 4A.			
TMDL Watershed Name:	Horsepen Creek		
TMDL Group ID:	00037		
VAC-J06R_HRP01A00	Horsepen Creek	CUMBERLAND CO	Horsepen Creek from its headwaters to the mouth at Big Guinea Creek.
VA Overall AU Category: 4A			
Use	Impairment	3.82 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00037 2006 2004	Category 4A
Sources: Livestock (Grazing or Feeding Operations) Wildlife Other than Waterfowl			
TMDL Watershed Name:	Little Sandy Creek		
TMDL Group ID:	00032		
VAC-J03R_LIT01A02	Little Sandy Creek	PRINCE EDWARD CO	Little Sandy Creek from headwaters to Sandy River Reservoir
VA Overall AU Category: 4A			
Use	Impairment	6.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00032 2006 2004	Category 4A
Sources: Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Looney Creek		
TMDL Group ID:	00022		
VAW-I26R_LMC01A00	Looney Creek	BOTETOURT CO	Looney Creek mainstem from the confluence of Mill and Back Creeks downstream to its mouth on the James River.
VA Overall AU Category: 4A			
Use	Impairment	2.48 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00022 2006 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Looney Creek Bacteria TMDL Load Duration Study complete with US EPA approval 06/21/2004; Fed ID: 20103. SWCB approved 12/02/2004. VAW-I26R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Watershed Name:	Moores Creek		
TMDL Group ID:	00112		
VAV-H28R_MSC01A00	Moores Creek	ALBEMARLE CO	Moores Creek from its confluence with the Ragged Mountain Dam receiving stream downstream to its confluence with the Rivanna River.
		CHARLOTTESVILLE CITY	
VA Overall AU Category: 4A			
Use	Impairment	6.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00112 2002 2004	Federal TMDL ID # Not assigned
Sources: Municipal (Urbanized High Density Area) Non-Point Source Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Nibbs Creek		
TMDL Group ID:	00040		
VAP-J09R_NBB01A98	Nibbs Creek	AMELIA CO	Nibbs Creek from the Amelia Courthouse STP to the confluence with Flat Creek. Segment also includes an UT to Nibbs Creek from station 2-XQK000.15 (Hog Farm station PL-43B).
VA Overall AU Category: 4A			
Use	Impairment	5.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00040	2006 2010 Cat 4A: E. coli VAP-J09R-01 00040 (FC) Nibbs Creek was initially impaired for fecal coliform in 2002. In the 2006 cycle, E. coli. was added as an impairing cause. Bacteria TMDL for Nibbs Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed at Cat 4A for recreation use, however as of the 2006 assessment cycle the EPA TMDLID was not available.
	Sources: Agriculture Municipal Point Source Discharges Non-Point Source		
Recreation	Fecal Coliform	00040	1998 2010 Cat 4A: E. coli VAP-J09R-01 00040 (FC) Nibbs Creek was initially impaired for fecal coliform in 2002. In the 2006 cycle, E. coli. was added as an impairing cause. Bacteria TMDL for Nibbs Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed at Cat 4A for recreation use, however as of the 2006 assessment cycle the EPA TMDLID was not available.
	Sources: Agriculture Municipal Point Source Discharges Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Pheasanty Run		
TMDL Group ID:	00090		
VAV-I14R_PTY01A00	Pheasanty Run	BATH CO	Pheasanty Run from the Coursey Springs Fish Farm discharge downstream to its confluence with the Cowpasture River.
VA Overall AU Category: 4A			
Use	Impairment	0.43 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00090	1998 2002 Federal TMDL ID # 21069
Sources: Aquaculture (Permitted)			
TMDL Watershed Name:	Reed Creek, Lower		
TMDL Group ID:	00017		
VAW-H01R_RED01A00	Reed Creek Lower	BEDFORD CO	Reed Creek mainstem from its mouth on the James River upstream to the intersection of State Routes 638 and 764.
VA Overall AU Category: 4A			
Use	Impairment	12.27 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00017	2004 2004 Category 4A. Reed Creek Bacteria TMDL Load Duration Study US EPA approved 6/21/2004; Fed. ID. 7763 / 21565. SWCB approved 12/02/2004. VAW-H01R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Watershed Name:	Saylers Creek		
TMDL Group ID:	00038		
VAC-J06R_SYL01A98	Saylers Creek	AMELIA CO	Saylers Creek from the Appomattox/Nottoway County line to its confluence with the Appomattox River.
VA Overall AU Category: 4A		PRINCE EDWARD CO	
Use	Impairment	4.96 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00038	2004 2004 Category 4A
Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Spring Creek		
TMDL Group ID:	00030		
VAC-J02R_SPA01A02	Spring Creek	PRINCE EDWARD CO	Spring Creek from the confluence with Mud Creek to Buffalo Creek.
VA Overall AU Category: 4A			
Use	Impairment	5.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00030 2006	2004 Category 4A
Sources: Livestock (Grazing or Feeding Operations)			
Wastes from Pets			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Swift Creek		
TMDL Group ID:	00045		
VAP-J16R_SFT01A00	Swift Creek	CHESTERFIELD CO	Swift Creek from the confluence with Turkey Creek downstream to the limit of Swift Creek Reservoir.
VA Overall AU Category: 4A			
Use	Impairment	1.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00045	2006 2004 Bacteria TMDL for Swift Creek was included the TMDL for the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available. Swift Creek was initially assessed for fecal coliform in 2002 . In the 2006 cycle, the bacteria impairment switched to E. coli. During the 2006 cycle, the violation rate for E. coli was 4/22 at 2-SFT036.00.
	Sources: Agriculture Non-Point Source		
Recreation	Fecal Coliform	00045	2002 2004 Bacteria TMDL for Swift Creek was included the TMDL for the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available. Swift Creek was initially assessed for fecal coliform in 2002 . In the 2006 cycle, the bacteria impairment switched to E. coli. During the 2006 cycle, the violation rate for E. coli was 4/22 at 2-SFT036.00.
	Sources: Agriculture Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Swift Creek		
TMDL Group ID:	00046		
VAP-J17R_SFT01B98	Swift Creek	CHESTERFIELD CO	Swift Creek from the Swift Creek Lake dam downstream to the confluence with Licking Creek.
VA Overall AU Category: 5C			
Use	Impairment	7.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00046 2006 2004 Cat 4A: E. coli
			Swift Creek was initially assessed for fecal coliform in 2002. During the 2006 cycle, the bacteria parameter switched to E. coli.
			During the year 2004 cycle, this segment of Swift Creek had an acceptable fecal coliform violation rate and was recommended for delisting of the Recreation use impairment. In 2006, the E. coli violation rate was 2/12 at 2-SFT019.15.
			Bacteria TMDL for Swift Creek was included the TMDL for the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available.
	Sources: Agriculture		
	Municipal Point Source Discharges		
	Non-Point Source		
Recreation	Fecal Coliform		00046 2002 2004 Cat 4A: E. coli
			Swift Creek was initially assessed for fecal coliform in 2002. During the 2006 cycle, the bacteria parameter switched to E. coli.
			During the year 2004 cycle, this segment of Swift Creek had an acceptable fecal coliform violation rate and was recommended for delisting of the Recreation use impairment. In 2006, the E. coli violation rate was 2/12 at 2-SFT019.15.
			Bacteria TMDL for Swift Creek was included the TMDL for the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available.
	Sources: Agriculture		
	Municipal Point Source Discharges		
	Non-Point Source		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Swift Creek		
TMDL Group ID:	00046		
VAP-J17R_SFT01C98	Swift Creek	CHESTERFIELD CO COLONIAL HEIGHTS CITY	Swift Creek from the Lakeview Dam to the confluence with Timsbury Creek.
VA Overall AU Category: 4A			
Use	Impairment	4.00 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00046 2006 2004	Cat 4A: E. coli 00046 (FC) VAP-J17R-02 Swift Creek was initially assessed for fecal coliform in 2002. During the 2006 cycle, the bacteria parameter switched to E. coli. In 2006, this segment was not supporting due to an E. coli violation rate of 2/12 at 2-SFT004.92. Bacteria TMDL for Swift Creek was included the TMDL for the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available.
		Sources: Agriculture Municipal Point Source Discharges Non-Point Source	
Recreation	Fecal Coliform	00046 2002 2004	Cat 4A: E. coli 00046 (FC) VAP-J17R-02 Swift Creek was initially assessed for fecal coliform in 2002. During the 2006 cycle, the bacteria parameter switched to E. coli. In 2006, this segment was not supporting due to an E. coli violation rate of 2/12 at the Rt. 1 bridge, 2-SFT004.92. Bacteria TMDL for Swift Creek was included the TMDL for the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed as Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available.
		Sources: Agriculture Municipal Point Source Discharges Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek and Tributaries		
TMDL Group ID:	00054		
VAP-H39R_BOD01A00	Broad Branch	GOOCHLAND CO	Broad Branch from its headwaters to the confluence with Tuckahoe Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	2004 2004 VAP-H39R-02
<p>Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)</p> <p>Industrial Point Source Discharge</p> <p>Non-Point Source</p>			
VAP-H39R_BOD02A06	Broad Branch	GOOCHLAND CO	Broad Branch from its headwaters to the dam upstream of Route 623.
VA Overall AU Category: 5D			
Use	Impairment	2.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	2004 2004 Category 4A
<p>Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)</p> <p>Industrial Point Source Discharge</p> <p>Non-Point Source</p>			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek and Tributaries		
TMDL Group ID:	00054		
VAP-H39R_DPR01A00	Deep Run	HENRICO CO	Deep Run from its headwaters to the pond at river mile 1.47.
VA Overall AU Category: 4A			
Use	Impairment	4.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00054	2002 2004 Category 4A
			VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Bacteria-impaired segments within the watershed should be assessed as Cat. 4A.
		Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)	
		Industrial Point Source Discharge	
		Non-Point Source	
Recreation	Fecal Coliform	00054	2002 2004 VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Bacteria-impaired segments within the watershed should be assessed as Cat. 4A.
		Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)	
		Industrial Point Source Discharge	
		Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek and Tributaries		
TMDL Group ID:	00054		
VAP-H39R_DPR02A00	Deep Run	HENRICO CO	Deep Run from the dam at river mile 1.47 to the confluence with Tuckahoe Creek.
VA Overall AU Category: 4A			
Use	Impairment	1.47 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	2004 2004 Category 4A
			VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Bacteria-impaired segments within the watershed should be assessed as Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	
VAP-H39R_LIY01A00	Little Tuckahoe Creek	GOOCHLAND CO	Little Tuckahoe Creek from its headwaters to the confluence with Tuckahoe Creek.
VA Overall AU Category: 4A			
Use	Impairment	5.64 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00054	2002 2004 Category 4A
			VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Little Tuckahoe Creek remains impaired for E. coli with a violation rate of 13/23 at 2-LIY001.73 and is assessed as Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek and Tributaries		
TMDL Group ID:	00054		
VAP-H39R_TKO01A98	Tuckahoe Creek	GOOCHLAND CO	Tuckahoe Creek from the headwaters to the confluence with Little Tuckahoe Creek.
VA Overall AU Category: 4A			
Use	Impairment	7.48 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00054	2006 2004 Category 4A VAP-H39R-02 The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Bacteria-impaired segments within the watershed should be assessed as Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	
Recreation	Fecal Coliform	00054	2004 2004 Category 4A VAP-H39R-02 The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Bacteria-impaired segments within the watershed should be assessed as Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek and Tributaries		
TMDL Group ID:	00054		
VAP-H39R_TKO03A98	Tuckahoe Creek	GOOCHLAND CO	Confluence with Little Tuckahoe Creek to mouth at James River.
			Segment was extended during the 2006 cycle and merged with VAP-H39R_TKO02A98
VA Overall AU Category: 4A		HENRICO CO	
Use	Impairment	8.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	1998 2010 Category 4A
			VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Tuckahoe Creek remains impaired for fecal coliform and is assessed as Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	
VAP-H39R_XHP01A04	UT to XCZ (UT to Tuckahoe Creek)	GOOCHLAND CO	Mainstem
VA Overall AU Category: 4A			
Use	Impairment	1.69 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00054	2006 2018 VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. All segments with bacteria impairments are considered Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
<i>James River Basin</i>					
TMDL Watershed Name:	Tuckahoe Creek and Tributaries				
TMDL Group ID:	00054				
Recreation	Fecal Coliform	00054	2006	2018	Category 4A
					VAP-H39R-02
					The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. All segments with bacteria impairments are considered Cat. 4A.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)				
	Industrial Point Source Discharge				
	Non-Point Source				

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek Watershed		
TMDL Group ID:	00054		
VAP-H39R_BOD01A00	Broad Branch	GOOCHLAND CO	Broad Branch from its headwaters to the confluence with Tuckahoe Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	2004 2004 VAP-H39R-02
<p>Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)</p> <p>Industrial Point Source Discharge</p> <p>Non-Point Source</p>			
VAP-H39R_BOD02A06	Broad Branch	GOOCHLAND CO	Broad Branch from its headwaters to the dam upstream of Route 623.
VA Overall AU Category: 5D			
Use	Impairment	2.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	2004 2004 Category 4A
<p>Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)</p> <p>Industrial Point Source Discharge</p> <p>Non-Point Source</p>			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Tuckahoe Creek Watershed		
TMDL Group ID:	00054		
VAP-H39R_TKO03A98	Tuckahoe Creek	GOOCHLAND CO	Confluence with Little Tuckahoe Creek to mouth at James River.
			Segment was extended during the 2006 cycle and merged with VAP-H39R_TKO02A98
VA Overall AU Category: 4A		HENRICO CO	
Use	Impairment	8.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00054	1998 2010 Category 4A
			VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. Tuckahoe Creek remains impaired for fecal coliform and is assessed as Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	
VAP-H39R_XHP01A04	UT to XCZ (UT to Tuckahoe Creek)	GOOCHLAND CO	Mainstem
VA Overall AU Category: 4A			
Use	Impairment	1.69 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00054	2006 2018 VAP-H39R-02
			The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. All segments with bacteria impairments are considered Cat. 4A.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*			Assessment Unit Description
James River Basin					
TMDL Watershed Name:	Tuckahoe Creek Watershed				
TMDL Group ID:	00054				
Recreation	Fecal Coliform	00054	2006	2018	Category 4A VAP-H39R-02 The "Bacteria TMDL for Tuckahoe Creek, Little Tuckahoe Creek, Anderson, Broad, Georges, and Readers Branches, and Deep Run Henrico, Goochland, and Hanover Counties, Virginia" was approved by EPA on 9/20/2004. The report allocates E. coli between nonpoint source and urban runoff. The allocation includes the entire watershed. All segments with bacteria impairments are considered Cat. 4A.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Industrial Point Source Discharge Non-Point Source					
TMDL Watershed Name:	Wallace Mill Stream				
TMDL Group ID:	00091				
VAV-I32R_XMO01A00	Wallace Mill Stream	AUGUSTA CO		Wallace Mill Stream from the Castaline Trout Farm discharge downstream to its confluence with the Little Calpasture River.	
VA Overall AU Category:	4A				
Use	Impairment	1.89 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)		00091	1998	2004
Impairment Specific Comments and/or Impairment Specific VA Category Federal TMDL ID # 18103					
Sources: Aquaculture (Permitted)					

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	West Creek		
TMDL Group ID:	00042		
VAP-J11R_WET02A00	West Creek	AMELIA CO	West Creek from the confluence with Tanners Branch downstream to the confluence with Deep Creek.
VA Overall AU Category: 4A			
Use	Impairment	7.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00042 2006 2004 Cat 4A: E. coli VAP-J11R-06 West Creek was initially assessed for fecal coliform in 2002 In the 2006 cycle, the bacteria impairment switched to E. coli. Bacteria TMDL for Deep Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed at Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available. During the 2006 cycle, there was an E. coli violation rate of 3/19 at station 2-WET004.96.
		Sources: Agriculture Municipal Point Source Discharges Non-Point Source	
Recreation	Fecal Coliform		00042 2002 2004 Cat 4A: E. coli VAP-J11R-06 West Creek was initially assessed for fecal coliform in 2002 In the 2006 cycle, the bacteria impairment switched to E. coli. Bacteria TMDL for Deep Creek was included in the Appomattox River development report and was approved by EPA 8/30/2004. The segment is now assessed at Cat 4A, however as of the 2006 assessment cycle the EPA TMDLID was not available. During the 2006 cycle, there was an E. coli violation rate of 3/19 at station 2-WET004.96.
		Sources: Agriculture Municipal Point Source Discharges Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	White Oak Swamp		
TMDL Group ID:	00053		
VAP-G06R_WOS01A98	White Oak Swamp	HENRICO CO	White Oak Swamp from White Oak Swamp Creek to its mouth at the Chickahominy River.
VA Overall AU Category: 4A			
Use	Impairment	6.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00053 2006 2004	Category 4A VAP-G06R-03 White Oak Swamp was assessed not supporting of the Recreation use support goal based on a E. coli standard violation rate of 6/12 recorded at 2-WOS002.69. The segment had previously been considered impaired for fecal coliform; during the 2006 cycle, the standard converted to E. coli. The Bacteria TMDL for White Oak Swamp was completed and approved by EPA on 9/20/2004. White Oak Swamp is considered a Cat. 4A water for bacteria.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:		Willis River and Tributaries	
TMDL Group ID:		00113	
VAC-H35R_WLS01A04	Willis River	BUCKINGHAM CO	Willis River from its headwaters to Tounge Quarter Creek
VA Overall AU Category: 4A	Impairment	11.42 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00113	2004 2002 Category 4A - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			
VAC-H35R_XQM01A00	UT to Willis River	BUCKINGHAM CO	An unnamed tributary to the Willis River.
VA Overall AU Category: 5D	Impairment	1.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00113	2004 2002 Category 4A - Willis River Bacteria TMDL - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			
VAC-H36R_RND01A00	Randolph Creek	BUCKINGHAM CO CUMBERLAND CO	Randolph Creek from the headwaters to the upstream limit of Sports Lake.
VA Overall AU Category: 4A	Impairment	11.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00113	2006 2002 Category 4A - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			
Recreation	Fecal Coliform	00113	2002 2002 Category 4A - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			
VAC-H36R_WLS01A00	Willis River	CUMBERLAND CO	The Willis River from the Buffalo Creek confluence to its mouth at the James River
VA Overall AU Category: 4A	Impairment	31.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00113	2006 2002 Category 4A - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			
Recreation	Fecal Coliform	00113	1996 2002 Category 4A - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
James River Basin			
TMDL Watershed Name:	Willis River, Unnamed Tributary		
TMDL Group ID:	00113		
VAC-H35R_XQM01A00	UT to Willis River	BUCKINGHAM CO	An unnamed tributary to the Willis River.
VA Overall AU Category: 5D			
Use	Impairment	1.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00113	2004 2002 Category 4A - Willis River Bacteria TMDL - EPA TMDL ID 9488 (Fecal Coliform)/22159 (Pathogens)
Sources: Non-Point Source			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Carter Run		
TMDL Group ID:	00148		
VAN-E02R_CAE01A00	Carter Run	FAUQUIER CO	Segment begins at the confluence with South Run and continues downstream until the confluence with the Rappahannock River.
VA Overall AU Category: 4A			
Use	Impairment	3.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00148 1998 2005 Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 19 samples - 36.8%) were recorded at DEQ's ambient water quality monitoring station (3-CAE000.25) at a private road off of Route 688 to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was first listed for a fecal coliform bacteria in 1998. A fecal coliform TMDL for the Carter Run watershed was approved by the U.S. EPA on March 10, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. Segment listed as Category 4A - Federal ID 18093.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Deep Run		
TMDL Group ID:	00109		
VAN-E10R_DPR01A00	Deep Run	FAUQUIER CO	Segment begins at the confluence with Green Branch, at rivermile 4.75, and continues downstream until the confluence with the Rappahannock River.
VA Overall AU Category: 4A		STAFFORD CO	
Use	Impairment	4.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00109	1996 2004 Sufficient exceedances of the instantaneous E.coli bacteria criterion (10 of 22 samples - 45.4%) were recorded at DEQ's ambient water quality monitoring station (3-DPR001.70) at the Route 17 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform bacteria impairment.
			A bacteria TMDL for the Deep Run watershed was submitted to the U.S. EPA and approved May 26, 2004. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pasture or forest, human contributions from straight pipes and failing septic systems, and biosolid application.
			Segment listed as Category 4A - Federal ID 18306.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Great Run		
TMDL Group ID:	00149		
VAN-E02R_GRT01A00	Great Run	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Great Run, approximately 1.0 rivermile upstream of Route 687, and continues downstream until the confluence with the Rappahannock River.
VA Overall AU Category: 4A			
Use	Impairment	2.76 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00149	2004 2005 Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 19 samples - 26.3%) were recorded at DEQ's ambient water quality monitoring station (3-GRT001.70) at the Route 687 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. A bacteria TMDL for the Great Run watershed was submitted to the U.S. EPA and approved March 10, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. The segment was previously listed for fecal coliform and E.coli bacteria impairments in 2004. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:		Great Run	
TMDL Group ID:		00149	
VAN-E02R_GRT02A04	Great Run	FAUQUIER CO	Segment begins at the confluence of an unnamed tributary to Great Run, at approximately rivermile 5.5, and continues downstream until the confluence w an unnamed tributary to Great Run, approximately 1.0 rivermile upstream of Route 687.
VA Overall AU Category: 4A			
Use	Impairment	2.72 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00149 2004 2005	A bacteria TMDL for the Great Run watershed was submitted to the U.S. EPA and approved March 10, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. A downstream segment was previously listed for fecal coliform and E.coli bacteria impairments in 2004.
	Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl		
	Segment listed as Category 4A - Federal ID NA.		
VAN-E02R_GRT03A02	Great Run	FAUQUIER CO	Segment begins at the confluence with an unnamed tributary to Great Run at rivermile 7.20, approximately 0.6 rivermile downstream from Route 802, and continues downstream until the confluence with another unnamed tributary, at approximately rivermile 5.5.
VA Overall AU Category: 4A			
Use	Impairment	1.43 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00149 2004 2005	A bacteria TMDL for the Great Run watershed was submitted to the U.S. EPA and approved March 10, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. A downstream segment was previously listed for fecal coliform and E.coli bacteria impairments in 2004.
	Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl		
	Segment listed as Category 4A - Federal ID NA.		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Great Run		
TMDL Group ID:	00149		
VAN-E02R_GRT04A04	Great Run	FAUQUIER CO	Segment begins at the headwaters of Great Run and continues downstream until the confluence with an unnamed tributary to Great Run (streamcode XAC at rivermile 7.20).
VA Overall AU Category: 4A			
Use	Impairment	8.78 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00149	2004 2005 Sufficient exceedances of the instantaneous E.coli bacteria criterion (9 of 19 samples - 47.4%) were recorded at DEQ's ambient water quality monitoring station (3-GRT007.72) at the Route 802 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was first listed for a bacterial impairment in 2004. A bacteria TMDL for the Great Run watershed was submitted to the U.S. EPA and approved March 10, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes and failing septic systems. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Lagrange Creek		
TMDL Group ID:	00196		
VAP-E25E_LGG01A98	Lagrange Creek	MIDDLESEX CO	As described in VDH SFC 127, 6/11/1996. RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.60 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00196	1998 2005 Category 4A VAP-E25E-01 The segment was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 127, 6/11/1996. The TMDL for this original portion was completed and approved by EPA on 11/15/2005. The segment should be classified as Cat. 4A, however at the time of assessment there was no EPA TMDLID available.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Little Dark Run		
TMDL Group ID:	00215		
VAN-E15R_LDR01A00	Little Dark Run	MADISON CO	Segment begins at the confluence with an unnamed tributary to Little Dark Ru at rivermile 2.17, and continues downstream until the confluence with Dark Ru
VA Overall AU Category: 4A			
Use	Impairment	1.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00215 2006 2005 A bacteria TMDL for the Little Dark Run watershed was submitted to the U.S. EPA and approved December 12, 2005. Nonpoint sources of fecal coliform are primarily agricultural (i.e., land-applied animal waste, manure deposited directly on pastures by livestock, and a significant fecal coliform load due to cattle directly depositing manure in streams) with a significant load applied to residential and forest land use categories. Non-agricultural anthropogenic nonpoint sources of fecal coliform loadings include straight pipes, failing septic systems, and pet waste. Wildlife contributes to fecal coliform loadings on all land uses, according to the acceptable habitat range for each species. Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 12 samples - 41.7%) were recorded at DEQ's special study monitoring station (3-LDR000.70) at the Route 680 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Little Dark Run		
TMDL Group ID:	00215		
VAN-E15R_LDR02A02	Little Dark Run	MADISON CO	Segment begins at the headwaters of Little Dark Run and continues downstream until the confluence with an unnamed tributary to Little Dark Run, at rivermile 2.17.
VA Overall AU Category: 4A			
Use	Impairment	2.27 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00215	1998 2005 A bacteria TMDL for the Little Dark Run watershed was submitted to the U.S. EPA and approved December 12, 2005. Nonpoint sources of fecal coliform are primarily agricultural (i.e., land-applied animal waste, manure deposited directly on pastures by livestock, and a significant fecal coliform load due to cattle directly depositing manure in streams) with a significant load applied to residential and forest land use categories. Non-agricultural anthropogenic nonpoint sources of fecal coliform loadings include straight pipes, failing septic systems, and pet waste. Wildlife contributes to fecal coliform loadings on all land uses, according to the acceptable habitat range for each species. Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (2 of 6 samples - 33.3%) were recorded at DEQ's ambient monitoring station (3-LDR003.19) at the Route 634 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name: Meachim Creek			
TMDL Group ID: 00202			
VAP-E26E_MEA01A00	Meachim Creek	MIDDLESEX CO	The segment boundaries are delineated in VDH shellfish condemnation 179A, 11/17/2004. Expanded in 2006 RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID
Shellfishing	Fecal Coliform	00202	1998
			2005
			Category 4A
			VAP-E26E-01
			VDH shellfish condemnation 179A, 11/17/2004
			The Shellfish TMDL was completed during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be considered Category 4A for Shellfish, although the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			
TMDL Group ID: 00203			
VAP-E26E_MEA01B00	Meachim Creek	MIDDLESEX CO	The segment is delineated in VDH shellfish condemnation 179B, 11/17/2004. RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.03 SQUARE MILES	TMDL Group ID
Shellfishing	Fecal Coliform	00203	1998
			2005
			Category 4A
			VAP-E26E-02
			VDH shellfish condemnation 030-179B, 11/17/2004
			This area was included in the Meachim and Whiting Creek Shellfish TMDL, which was completed during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be considered Category 4A for shellfish, however the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Mine Run		
TMDL Group ID:	00218		
VAN-E17R_MIR01A00	Mine Run	ORANGE CO	Segment begins at the confluence with Cormack Run, approximately 0.6 rivermile upstream of Route 20, and continues downstream until the confluence with the Rapidan River.
VA Overall AU Category: 4A			
Use	Impairment	9.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00218	2006 2005 A bacteria TMDL for the Mine Run watershed was submitted to the U.S. EPA and approved November 15, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes and failing septic systems, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 15 samples - 40.0%) were recorded at DEQ's ambient water quality monitoring station (3-MIR004.05) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform, beginning in 2002. Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Mountain Run		
TMDL Group ID:	00110		
VAN-E09R_MTN01A00	Mountain Run	CULPEPER CO	Segment begins at the confluence with Flat Run and continues downstream until the confluence with the Rappahannock River.
VA Overall AU Category: 5D			
Use	Impairment	7.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00110 2006 2001 Sufficient exceedances of the instantaneous E.coli bacteria criterion (5 of 9 samples - 55.6%) were recorded at DEQ's ambient water quality monitoring station (3-MTN000.59) at the Route 620 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment has been listed for a fecal coliform impairment since 1996. A fecal coliform TMDL for the Mountain Run watershed was developed and submitted to the U.S. EPA and approved on April 27, 2001. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, runoff from pastureland, manure storage areas, and urban stormwater, and human contributions from straight pipes. Segment listed as Category 4A - Federal ID 20395.
Sources: Grazing in Riparian or Shoreline Zones Impervious Surface/Parking Lot Runoff Livestock (Grazing or Feeding Operations) Manure Runoff Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Mountain Run		
TMDL Group ID:	00110		
Recreation	Fecal Coliform	00110	1996
			2001
			Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (10 of 25 samples - 40.0%) were recorded at DEQ's ambient water quality monitoring station (3-MTN000.59) at the Route 620 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
			A fecal coliform TMDL for the Mountain Run watershed was developed and submitted to the U.S. EPA and approved on April 27, 2001. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, runoff from pastureland, manure storage areas, and urban stormwater, and human contributions from straight pipes.
			Segment listed as Category 4A - Federal ID 20395.
	Sources:	Grazing in Riparian or Shoreline Zones	
		Impervious Surface/Parking Lot Runoff	
		Livestock (Grazing or Feeding Operations)	
		Manure Runoff	
		Runoff from Forest/Grassland/Parkland	
		Sewage Discharges in Unsewered Areas	
		Waterfowl	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Mountain Run		
TMDL Group ID:	00217		
VAN-E17R_MTR01A00	Mountain Run	ORANGE CO	Segment begins at the confluence with Mill Run, approximately 0.25 rivermile downstream of Route 617, and continues downstream until the confluence with Mine Run.
VA Overall AU Category: 4A			
Use	Impairment	9.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00217	2006 2005 A bacteria TMDL for the Mountain Run watershed was submitted to the U.S. EPA and approved November 15, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes and failing septic systems, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 18 samples - 33.3%) were recorded at DEQ's ambient water quality monitoring station (3-MTR003.51) at the Route 611 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform, beginning in 2002. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Muddy Run		
TMDL Group ID:	00003		
VAN-E07R_MUU01A00	Muddy Run	CULPEPER CO	Segment begins at the confluence with an unnamed tributary to Muddy Run, approximately 0.2 rivermile upstream of Route 229, and continues downstream until the confluence with the Hazel River.
VA Overall AU Category: 4A			
Use	Impairment	5.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00003	2004 2004 Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 16 samples - 43.8%) were recorded at DEQ's special study monitoring station (3-MUU000.82) at the Route 625 bridge and (8 of 17 samples - 47.0%) were recorded at DEQ's special study monitoring station (3-MUU004.98) at the Route 630 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for bacterial impairments; fecal coliform bacteria impairment, first listed in 1996, and E.coli bacteria impairment, first listed in 2004. A bacteria TMDL for the Muddy Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are pet and livestock waste delivered directly to the stream and via pastureland, human contributions from straight pipes and failing septic systems, and from the application of biosolids. Segment listed as Category 4A - Federal ID 20430.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Muddy Run		
TMDL Group ID:	00003		
VAN-E07R_MUU02A02	Muddy Run	CULPEPER CO	Segment begins at the headwaters of Muddy Run and continues downstream until the confluence with an unnamed tributary to Muddy Run, approximately 0 rivermile upstream of Route 229.
VA Overall AU Category: 4A			
Use	Impairment	7.03 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00003	2006 2004 Sufficient exceedances of the instantaneous E.coli bacteria criterion (9 of 13 samples - 69.2%) were recorded at DEQ's special study monitoring station (3-MUU008.52) at the Route 632 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was first listed for a fecal coliform bacteria impairment in 2002. A bacteria TMDL for the Muddy Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are pet and livestock waste delivered directly to the stream and via pastureland, human contributions from straight pipes and failing septic systems, and from the application of biosolids. Segment listed as Category 4A - Federal ID 20430.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description		
Rappahannock River Basin					
TMDL Watershed Name:	Muddy Run				
TMDL Group ID:	00003				
Recreation	Fecal Coliform	00003	2002	2004	<p>Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 7 - 42.8%) were recorded at DEQ's ambient water quality monitoring station (3-MUU010.72) at the Route 729 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was first listed for a fecal coliform bacteria impairment in 2002.</p> <p>A bacteria TMDL for the Muddy Run watershed was submitted to the U.S. EPA and approved July 6, 2004. The sources of bacteria requiring reductions are pet and livestock waste delivered directly to the stream and via pastureland, human contributions from straight pipes and failing septic systems, and from the application of biosolids.</p> <p>Segment listed as Category 4A - Federal ID 20430.</p> <p>Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl</p>
TMDL Watershed Name:	Parrotts Creek				
TMDL Group ID:	00199				
VAP-E25E_PRR01A02	Parrotts Creek	MIDDLESEX CO	<p>The segment boundaries are delineated in VDH shellfish condemnation 027-090B, 11/15/2004.</p> <p>RPPMH</p>		
VA Overall AU Category: 5D	Impairment	0.16 SQUARE MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule
Use	Fecal Coliform		00199	1998	2005
Shellfishing					<p>Category 4A</p> <p>VAP-E25E-07</p> <p>The Shellfish TMDL report for "Rappahannock River: Mud and Parrotts Creeks" was approved by EPA on 11/15/2005. Therefore, the shellfish impairment is considered Cat. 4A.</p> <p>Sources: Non-Point Source</p>

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:		Rappahannock River Mesohaline Embayments	
TMDL Group ID:		00196	
VAP-E25E_LGG01A98	Lagrange Creek	MIDDLESEX CO	As described in VDH SFC 127, 6/11/1996. RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.60 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00196	1998 2005 Category 4A VAP-E25E-01 The segment was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 127, 6/11/1996. The TMDL for this original portion was completed and approved by EPA on 11/15/2005. The segment should be classified as Cat. 4A, however at the time of assessment there was no EPA TMDLID available.
Sources: Non-Point Source			
TMDL Group ID:		00197	
VAP-E25E_ROS01A00	Robinson Creek	MIDDLESEX CO	Boundaries delineated in VDH shellfish condemnation 177, 5/28/1997. RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00197	1998 2014 Category 4A VAP-E25E-02 In 2002, the segment was also assessed as not supporting the Recreation Use due to fecal coliform violations at the end of Route 680 (3-ROS001.35). The violation rate in the 2004 cycle was 4/20. There has been no additional monitoring since 2001. The fecal coliform criteria for Shellfish is more stringent, therefore the impairment is considered to be addressed by the existing shellfish TMDL (cat. 4A)
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name: Rappahannock River Mesohaline Embayments			
TMDL Group ID: 00198			
VAP-E25E_URB02A00	Urbanna Creek	MIDDLESEX CO	As delineated in VDH shellfish condemnation 042A, 9/17/1993. Sq. mileage adjusted in 2006 RPPMH
VA Overall AU Category: 5D	Impairment	0.24 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00198	1998 2005 Category 4A
Shellfishing			VAP-E25E-04 The segment is assessed as impaired of the Shellfish Consumption Use based on VDH-DSS Shellfish Condemnation 042A, 9/17/1993. The TMDL was completed and approved by EPA on 11/15/2005 and the segment should be assessed as Cat. 4A.
Sources: Municipal Point Source Discharges Non-Point Source			
TMDL Group ID: 00199			
VAP-E25E_PRR01A02	Parrotts Creek	MIDDLESEX CO	The segment boundaries are delineated in VDH shellfish condemnation 027-090B, 11/15/2004. RPPMH
VA Overall AU Category: 5D	Impairment	0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00199	1998 2005 Category 4A
Shellfishing			VAP-E25E-07 The Shellfish TMDL report for "Rappahannock River: Mud and Parrotts Creeks" was approved by EPA on 11/15/2005. Therefore, the shellfish impairment is considered Cat. 4A.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Rappahannock River Mesohaline Embayments		
TMDL Group ID:	00201		
VAP-E26E_WHS01B00	Whiting Creek	MIDDLESEX CO	<p>The segment boundaries are delineated in VDH shellfish condemnation 051C, 9/10/1997</p> <p>AU name fixed and sq. mileage adjusted in 2006, although area did not change</p> <p>RPPMH</p>
VA Overall AU Category: 5D			
Use	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform		00201 1998 2005 Category 4A
			VAP-E26E-24
			VDH shellfish condemnation 051C, 9/10/1997
			The Shellfish TMDL was completed during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be considered Category 4A for Shellfish, although the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			
TMDL Group ID:	00202		
VAP-E26E_MEA01A00	Meachim Creek	MIDDLESEX CO	<p>The segment boundaries are delineated in VDH shellfish condemnation 179A, 11/17/2004.</p> <p>Expanded in 2006</p> <p>RPPMH</p>
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform		00202 1998 2005 Category 4A
			VAP-E26E-01
			VDH shellfish condemnation 179A, 11/17/2004
			The Shellfish TMDL was completed during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be considered Category 4A for Shellfish, although the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name: Rappahannock River Mesohaline Embayments			
TMDL Group ID: 00203			
VAP-E26E_MEA01B00	Meachim Creek	MIDDLESEX CO	The segment is delineated in VDH shellfish condemnation 179B, 11/17/2004. RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.03 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00203	1998 2005 Category 4A VAP-E26E-02 VDH shellfish condemnation 030-179B, 11/17/2004 This area was included in the Meachim and Whiting Creek Shellfish TMDL, which was completed during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be considered Category 4A for shellfish, however the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			
TMDL Group ID: 01066			
VAP-E25E_WEE01A00	Weeks Creek	MIDDLESEX CO	The segment boundaries are delineated in VDH shellfish condemnation 202, 10/8/1996. RPPMH
VA Overall AU Category: 5A			
Use	Impairment	0.12 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01066	1998 2010 VAP-E25E-09 The segment was assessed as not supporting of the Shellfish Use during the 1998 cycle due to VDH shellfish condemnation 202, 10/8/1996. This segment is now a portion of SFC 202A, 9/3/2003. The TMDL was completed for the original 1998 segment during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be categorized as Cat. 4A for Shellfish, however the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Rappahannock River Mesohaline Embayments		
TMDL Group ID:	76650		
VAP-E25E_ROS01A00	Robinson Creek	MIDDLESEX CO	Boundaries delineated in VDH shellfish condemnation 177, 5/28/1997. RPPMH
VA Overall AU Category: 5D			
Use	Impairment	0.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	76650	1998 2005 Category 4A VAP-E25E-02 The upstream portion of Robinson Creek was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 177, 5/28/1997. The TMDL for this original portion was completed and approved by EPA on 11/15/2005. The segment should be classified as Cat. 4A, however the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:		Robinson Creek	
TMDL Group ID:		00197	
VAP-E25E_ROS01A00	Robinson Creek	MIDDLESEX CO	Boundaries delineated in VDH shellfish condemnation 177, 5/28/1997. RPPMH
VA Overall AU Category:	5D		
Use	Impairment	0.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00197	1998 2014 Category 4A VAP-E25E-02 In 2002, the segment was also assessed as not supporting the Recreation Use due to fecal coliform violations at the end of Route 680 (3-ROS001.35). The violation rate in the 2004 cycle was 4/20. There has been no additional monitoring since 2001. The fecal coliform criteria for Shellfish is more stringent, therefore the impairment is considered to be addressed by the existing shellfish TMDL (cat. 4A)
Sources: Non-Point Source			
TMDL Group ID:		76650	
VAP-E25E_ROS01A00	Robinson Creek	MIDDLESEX CO	Boundaries delineated in VDH shellfish condemnation 177, 5/28/1997. RPPMH
VA Overall AU Category:	5D		
Use	Impairment	0.18 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	76650	1998 2005 Category 4A VAP-E25E-02 The upstream portion of Robinson Creek was assessed in 1998 as not supporting the Shellfish Consumption Use based on VDH-DSS Condemnation 177, 5/28/1997. The TMDL for this original portion was completed and approved by EPA on 11/15/2005. The segment should be classified as Cat. 4A, however the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Robinson River		
TMDL Group ID:	00214		
VAN-E14R_ROB01C00	Robinson River	MADISON CO	Segment begins at the confluence with the Rose River, just downstream of Route 670, and continues downstream until the crossing of Route 231, rivermi 21.58.
VA Overall AU Category: 5D			
Use	Impairment	2.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00214	2006 2005 Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 15 samples - 40.0%) were recorded at DEQ's ambient water quality monitoring station (3-ROB024.06) at the Route 649 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. A bacteria TMDL for the Robinson River watershed was submitted to the U.S. EPA and approved December 12, 2005. Nonpoint sources of fecal coliform are primarily agricultural (i.e., land-applied animal waste, manure deposited directly on pastures by livestock, and a significant fecal coliform load due to cattle directly depositing manure in streams) with a significant load applied to residential and forest land use categories. Non-agricultural anthropogenic nonpoint sources of fecal coliform loadings include straight pipes, failing septic systems, and pet waste. Wildlife contributes to fecal coliform loadings on all land uses, according to the acceptable habitat range for each species. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Robinson River		
TMDL Group ID:	00216		
VAN-E15R_ROB01A00	Robinson River	CULPEPER CO	Segment begins at the confluence with White Oak Run, at rivermile 5.18, and continues downstream until the confluence with the Rapidan River.
VA Overall AU Category: 4A		MADISON CO	
Use	Impairment	5.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00216 2006 2005 A bacteria TMDL for the Robinson River watershed was submitted to the U.S. EPA and approved December 12, 2005. Nonpoint sources of fecal coliform are primarily agricultural (i.e., land-applied animal waste, manure deposited directly on pastures by livestock, and a significant fecal coliform load due to cattle directly depositing manure in streams) with a significant load applied to residential and forest land use categories. Non-agricultural anthropogenic nonpoint sources of fecal coliform loadings include straight pipes, failing septic systems, and pet waste. Wildlife contributes to fecal coliform loadings on all land uses, according to the acceptable habitat range for each species. Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 13 samples - 53.8%) were recorded at DEQ's ambient water quality monitoring station (3-ROB001.90) at the Route 614 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2004. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Robinson River		
TMDL Group ID:	60091		
VAN-E14R_ROB01B06	Robinson River	MADISON CO	Segment begins at the Route 231 crossing, rivermile 21.58, and continues downstream until the confluence with Leathers Run.
VA Overall AU Category: 4A			
Use	Impairment	0.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60091	2006 2005 Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 21 samples - 14.3%) were recorded at DEQ's ambient water quality monitoring station (3-ROB017.24) at the Route 638 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.
			A bacteria TMDL for the Robinson River watershed was submitted to the U.S. EPA and approved December 12, 2005. Nonpoint sources of fecal coliform are primarily agricultural (i.e., land-applied animal waste, manure deposited directly on pastures by livestock, and a significant fecal coliform load due to cattle directly depositing manure in streams) with a significant load applied to residential and forest land use categories. Non-agricultural anthropogenic nonpoint sources of fecal coliform loadings include straight pipes, failing septic systems, and pet waste. Wildlife contributes to fecal coliform loadings on all land uses, according to the acceptable habitat range for each species.
			Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones	
		Impacts from Land Application of Wastes	
		Livestock (Grazing or Feeding Operations)	
		Runoff from Forest/Grassland/Parkland	
		Sewage Discharges in Unsewered Areas	
		Wastes from Pets	
		Waterfowl	
		Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Thumb Run		
TMDL Group ID:	00111		
VAN-E01R_THM01A02	Thumb Run, East Branch	FAUQUIER CO	Segment begins at the headwaters of East Branch Thumb Run and continues downstream until the confluence of East Branch to the mainstem Thumb Run.
VA Overall AU Category: 4A			
Use	Impairment	5.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform		00111 2004 2002 A fecal coliform TMDL for the Thumb Run watershed was developed and submitted to the U.S. EPA on April 29, 2002 and approved on May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. The data obtained during the 2006 assessment window shows exceedances of the instantaneous fecal coliform bacteria criterion (1 of 8 samples - 12.5%) shows it is categorized as having insufficient information with which to determine use support. No additional data has been collected from the DEQ's ambient water quality monitoring station (3-THM001.40) at Route 635 since the previous assessment window, when the stream reach was first listed as impaired. The segment shall remain categorized as impaired.
	Sources:	Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	
		Segment listed as Category 4A - Federal ID 21655.	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Thumb Run		
TMDL Group ID:	00111		
VAN-E01R_THU01A00	Thumb Run	FAUQUIER CO	Segment begins at the confluence of West Branch Thumb Run and East Branch Thumb Run and continues downstream until the confluence with the Rappahannock River.
VA Overall AU Category: 4A			
Use	Impairment	6.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00111	1996 2002 A fecal coliform TMDL for the Thumb Run watershed was developed and submitted to the U.S. EPA on April 29, 2002 and approved on May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Although the data obtained during the 2006 assessment window shows exceedances of the instantaneous fecal coliform bacteria criterion (1 of 7 samples - 14.3%), it is categorized as having insufficient information with which to determine use support. Very little data has been collected from the DEQ's ambient water quality monitoring station (3-THU004.69) at Route 688 since the previous assessment window. The segment shall remain categorized as impaired.
	Sources:	Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Thumb Run		
TMDL Group ID:	00111		
VAN-E01R_THW01A02	Thumb Run, West Branch	FAUQUIER CO	Segment starts at the headwaters of West Branch Thumb Run and continues downstream until the confluence of West Branch to the mainstem Thumb Run
VA Overall AU Category: 4A			
Use	Impairment	10.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00111	2002 2002 Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (6 of 11 samples - 54.5%) were recorded at DEQ's ambient water quality monitoring station (3-THW004.68) at the Route 635 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment in 2002. A fecal coliform TMDL for the Thumb Run watershed was developed and submitted to the U.S. EPA on April 29, 2002 and approved on May 31, 2002. The sources of fecal coliform bacteria requiring reductions are livestock and wildlife waste delivered directly to the stream, and human contributions from straight pipes. Segment listed as Category 4A - Federal ID 21655.
Sources: Grazing in Riparian or Shoreline Zones Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Urbanna Creek		
TMDL Group ID:	00198		
VAP-E25E_URB02A00	Urbanna Creek	MIDDLESEX CO	As delineated in VDH shellfish condemnation 042A, 9/17/1993. Sq. mileage adjusted in 2006 RPPMH
VA Overall AU Category: 5D	Impairment	0.24 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform		TMDL Schedule
		00198	1998
			2005
			Impairment Specific Comments and/or Impairment Specific VA Category
			Category 4A
			VAP-E25E-04
			The segment is assessed as impaired of the Shellfish Consumption Use based on VDH-DSS Shellfish Condemnation 042A, 9/17/1993. The TMDL was completed and approved by EPA on 11/15/2005 and the segment should be assessed as Cat. 4A.
	Sources:	Municipal Point Source Discharges Non-Point Source	
TMDL Watershed Name:	Weeks (Mudd) Creek		
TMDL Group ID:	01066		
VAP-E25E_WEE01A00	Weeks Creek	MIDDLESEX CO	The segment boundaries are delineated in VDH shellfish condemnation 202, 10/8/1996. RPPMH
VA Overall AU Category: 5A	Impairment	0.12 SQUARE MILES	TMDL Group ID
Use			First Listed on 303(d)
Shellfishing	Fecal Coliform		TMDL Schedule
		01066	1998
			2010
			Impairment Specific Comments and/or Impairment Specific VA Category
			VAP-E25E-09
			The segment was assessed as not supporting of the Shellfish Use during the 1998 cycle due to VDH shellfish condemnation 202, 10/8/1996. This segment is now a portion of SFC 202A, 9/3/2003. The TMDL was completed for the original 1998 segment during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be categorized as Cat. 4A for Shellfish, however the EPA TMDL ID was not available at the time of assessment.
	Sources:	Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Rappahannock River Basin			
TMDL Watershed Name:	Whiting Creek		
TMDL Group ID:	00201		
VAP-E26E_WHS01B00	Whiting Creek	MIDDLESEX CO	<p>The segment boundaries are delineated in VDH shellfish condemnation 051C, 9/10/1997</p> <p>AU name fixed and sq. mileage adjusted in 2006, although area did not change</p> <p>RPPMH</p>
VA Overall AU Category: 5D			
Use	Impairment	0.20 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00201	1998 2005 Category 4A
			VAP-E26E-24
			VDH shellfish condemnation 051C, 9/10/1997
			The Shellfish TMDL was completed during the 2006 cycle and approved by EPA on 11/15/2005. The segment should be considered Category 4A for Shellfish, although the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Ash Camp Creek		
TMDL Group ID:	00115		
VAC-L39R_ACC01A98	Ash Camp Creek	CHARLOTTE CO	Headwaters to Roanoke Creek.
VA Overall AU Category:	5D		
Use	Impairment	7.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00115	1998 2004 Category 4A - Ash Camp Creek Sediment TMDL.
Sources: Crop Production (Crop Land or Dry Land) Erosion from Derelict Land (Barren Land) Managed Pasture Grazing Municipal Point Source Discharges			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>Roanoke and Yadkin River Basins</i>			
TMDL Watershed Name:	Big Otter River		
TMDL Group ID:	00116		
VAC-L28R_BOR01A00	Big Otter River	CAMPBELL CO	Big Otter River mainstem from the mouth of Flat Creek downstream to Big Otter River confluence with the Roanoke (Staunton) River.
VA Overall AU Category: 4A	Impairment	9.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00116	1998 2001 Category 4A - EPA TMDL ID 9485 (Fecal Coliform)
Recreation		Sources: Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wildlife Other than Waterfowl	
VAC-L28R_BOR02A00	Big Otter River	CAMPBELL CO	Big Otter River mainstem from the Campbell County USA Otter River WTP downstream to mouth of Flat Creek.
VA Overall AU Category: 4A	Impairment	2.20 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00116	1998 2001 Category 4A - EPA TMDL ID 9485 (Fecal Coliform)
Recreation		Sources: Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wildlife Other than Waterfowl	
VAC-L28R_BOR03A00	Big Otter River	CAMPBELL CO	Big Otter River mainstem from the Buffalo Creek mouth on Big Otter River downstream to the Campbell County USA Otter River WTP.
VA Overall AU Category: 4A	Impairment	2.38 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00116	1998 2001 Category 4A - EPA TMDL ID 9485 (Fecal Coliform)
Recreation		Sources: Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Big Otter River and Elk Creek		
TMDL Group ID:	00118		
VAW-L24R_NOT01A02	North Otter Creek	BEDFORD CO	North Otter Creek from the Rt. 122 crossing at Coltons Mill downstream to the North Otter Creek mouth on the Big Otter River.
VA Overall AU Category: 4A	Impairment	6.58 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00118	2004 2001 Category 4A. Elk Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1498/9595. SWCB approved 6/17/2004. VAW-L25R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L25R_BOR01A02	Big Otter River Lower	BEDFORD CO	Big Otter River mainstem from the mouth of the Little Otter River upstream to the Elk Creek confluence on the Big Otter River.
VA Overall AU Category: 4A	Impairment	4.43 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00118	2004 2001 Category 4A. Elk Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1498/9595. SWCB approved 6/17/2004. VAW-L25R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L25R_BOR02A02	Big Otter River Upper 1	BEDFORD CO	Big Otter River mainstem from the confluence of Elk Creek upstream to the mouth of Roaring Run.
VA Overall AU Category: 4A	Impairment	5.95 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00118	2004 2001 Category 4A. Elk Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1498/9595. SWCB approved 6/17/2004. VAW-L25R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Big Otter River and Elk Creek		
TMDL Group ID:	00118		
VAW-L25R_BOR03A04	Big Otter River Upper 2	BEDFORD CO	Confluence of North Otter Creek downstream to the mouth of Roaring Run.
VA Overall AU Category: 4A	Impairment	1.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00118	2004 2001 Category 4A. Elk Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1498/9595. SWCB approved 6/17/2004. VAW-L25R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L25R_ECR01A00	Elk Creek	BEDFORD CO	Elk Creek mainstem from its mouth on the Big Otter River upstream to the Rt. 622 crossing west of Forest, VA.
VA Overall AU Category: 4A	Impairment	7.28 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00118	1998 2001 Category 4A. Elk Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1498/9595. SWCB approved 6/17/2004. VAW-L25R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L25R_ECR02A02	Elk Creek Middle	BEDFORD CO	Elk Creek mainstem from and unnamed tributary near Norwood (37°20'25" / 79°21'32") Rt. 622 crossing, upstream to near Perrowville (37°24'58" / 79°21'07") at another unnamed tributary.
VA Overall AU Category: 4A	Impairment	11.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00118	2004 2001 Category 4A. Elk Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1498/9595. SWCB approved 6/17/2004. VAW-L25R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Big Otter River and Falling Creek			
TMDL Group ID: 00121			
VAW-L27R_BOR01A00	Big Otter River Lower	BEDFORD CO	Big Otter River mainstem from the upstream WQS designated public water supply (PWS) Sec. 5j end downstream to the Buffalo Creek mouth on the Big Otter River.
VA Overall AU Category: 4A		CAMPBELL CO	
Use	Impairment	2.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00121 2002 2001	Category 4A. Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1427/9485. SWCB approved 6/17/2004. VAW-L27R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L27R_BOR02A00	Big Otter River Upper	BEDFORD CO	Big Otter River mainstem from the mouth of Little Otter R. on Big Otter R. downstream to the upstream end of the WQS designated public water supply (PWS) section 5j.
VA Overall AU Category: 4A			
Use	Impairment	2.74 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00121 2002 2001	Category 4A. Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1427/9485. SWCB approved 6/17/2004. VAW-L27R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L27R_FNG01A02	Falling Creek	BEDFORD CO	Falling Creek mainstem from its mouth on the Big Otter River upstream to it headwaters.
VA Overall AU Category: 4A			
Use	Impairment	5.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00121 2004 2001	Category 4A. Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001 [Fed. ID 1427/9485]. SWCB approved 6/17/2004. VAW-L27R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Big Otter River and Sheeps Creek			
TMDL Group ID: 00117			
VAW-L23R_BOR01A02	Big Otter River Lower	BEDFORD CO	Big Otter River mainstem from the mouth of North Otter Creek (Watershed Boundary) upstream to an unnamed tributary located at 37°23'24" / 79°30'19".
VA Overall AU Category: 4A			
Use	Impairment	5.91 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00117	2006 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00117	2004 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-L23R_BOR02A02	Big Otter River Middle	BEDFORD CO	Big Otter River mainstem from an unnamed tributary located at 37°23'24" / 79°30'19" upstream to the Bedford City raw water intake on the Big Otter Rive
VA Overall AU Category: 4A			
Use	Impairment	3.52 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00117	2006 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00117	2004 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Big Otter River and Sheeps Creek		
TMDL Group ID:	00117		
VAW-L23R_BOR03A02	Big Otter River Upper	BEDFORD CO	Big Otter River mainstem from the Bedford City raw water intake upstream to the confluence of Sheeps Creek and Stony Creek forming the Big Otter River.
VA Overall AU Category: 4A			
Use	Impairment	0.04 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00117	2006 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00117	2004 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-L23R_SEE01A00	Sheeps Creek Lower	BEDFORD CO	Sheeps Creek mainstem from the upstream end of WQS public water supply (PWS) section just downstream of Reba Creek on downstream to Sheeps Creek's confluence with Stony Creek.
VA Overall AU Category: 4A			
Use	Impairment	4.71 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00117	1996 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Big Otter River and Sheeps Creek		
TMDL Group ID:	00117		
VAW-L23R_SEE02A00	Sheeps Creek Upper	BEDFORD CO	Headwaters north of Reba, VA on Campbells Mountain downstream to an unnamed tributary just downstream of Reba Creek.
VA Overall AU Category: 4A			
Use	Impairment	3.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00117	1996 2001 Category 4A. Sheeps Creek/Big Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1650/7798. SWCB approved 6/17/2004. VAW-L23R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
TMDL Watershed Name:	Birch Creek		
TMDL Group ID:	00122		
VAC-L63R_BIR01A98	Birch Creek	HALIFAX CO	Carlton Creek to Dan River
VA Overall AU Category: 4A			
Use	Impairment	4.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00122	2004 2004 Category 4A - EPA TMDL ID 18154 (Pathogens)
Sources: Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Blackwater River, Lower and Tributaries			
TMDL Group ID: 00124			
VAW-L08R_BWR01A00	Blackwater River Lower 1	FRANKLIN CO	Blackwater River mainstem from the Rt. 122 Bridge downstream to the mouth of Maggoddee Creek.
VA Overall AU Category: 5D	Impairment	3.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00124	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_BWR01B06	Blackwater River Lower 2	FRANKLIN CO	Blackwater River mainstem from downstream of the Rt. 921 Bridge ~ 1.3 miles at the confluence of an unnamed tributary downstream to the Rt. 122 Bridge.
VA Overall AU Category: 4A	Impairment	2.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00124	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-04.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_BWR02A00	Blackwater River Lower 3	FRANKLIN CO	Blackwater River mainstem from the Town of Rocky Mount's water intake on the Blackwater River on downstream of the Rt. 921 Bridge approximately 1.3 miles at the confluence of an unnamed tributary.
VA Overall AU Category: 4A	Impairment	4.61 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00124	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-04.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Blackwater River, Lower and Tributaries			
TMDL Group ID: 00124			
VAW-L10R_BWR01A00	Blackwater River Lower	FRANKLIN CO	Blackwater mainstem from the Dillions Mill Branch mouth downstream into Smith Mountain Lake. The waters are within the WQS designated public water supply (PWS) section, 5 miles upstream of the 795 ft. pool elevation of Smith Mtn. Lake.
VA Overall AU Category: 5D			
Use	Impairment	0.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00124	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00124	1996 2001 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-L10R_FGC01A00	Foul Ground Creek Lower	FRANKLIN CO	Foul Ground Creek mainstem from its inundation at Smith Mountain Lake on the Blackwater River upstream to its headwaters. The segment is within the WQS designated public water supply (PWS) section.
VA Overall AU Category: 4A			
Use	Impairment	4.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00124	2004 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:		Blackwater River, Middle	
TMDL Group ID:		00126	
VAW-L08R_BWR03A00	Blackwater River Middle	FRANKLIN CO	Blackwater River mainstem from the WQS designated public water supply (PWS) section ending approximately 2 miles upstream of Little Creek's mouth on the Blackwater downstream to the Town of Rocky Mount's water intake on the Blackwater River.
VA Overall AU Category: 4A			
Use	Impairment	4.94 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00126 2004 2001	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L10R_BWR02A00	Blackwater River Middle	FRANKLIN CO	Blackwater River mainstem waters from the upper end of the WQS designated public water supply (PWS) section downstream to Dillions Mill Branch.
VA Overall AU Category: 5D			
Use	Impairment	5.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00126 2006 2001	Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
Recreation	Fecal Coliform	00126 1996 2001	Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Blackwater River, North Fork			
TMDL Group ID: 00127			
VAW-L08R_BNR01A00	Blackwater River, North Fork Lower	FRANKLIN CO	North Fork Blackwater River mainstem from the Dillions Mill community downstream to the North Fork's confluence with the South Fork on the Blackwater River.
VA Overall AU Category: 4A			
Use	Impairment	3.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00127	1996 2004 Category 4A. North Fork Blackwater River General Standard Benthic (Phosphorus & Sediment) TMDL Study & Allocations U.S. EPA approved 4/26/2004. SWCB approved 8/31/2004. VAW-L08R-03.
Sources: Livestock (Grazing or Feeding Operations) Loss of Riparian Habitat Sediment Resuspension (Clean Sediment) Streambank Modifications/destablization			
TMDL Group ID: 00128			
VAW-L08R_BNR01A00	Blackwater River, North Fork Lower	FRANKLIN CO	North Fork Blackwater River mainstem from the Dillions Mill community downstream to the North Fork's confluence with the South Fork on the Blackwater River.
VA Overall AU Category: 4A			
Use	Impairment	3.26 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00128	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed 1996 for FC. North Fork Blackwater River Bacteria TMDL Study & Allocations U.S. EPA approved 03/09/2001; Fed. ID 7790. SWCB Approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-03.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Blackwater River, North Fork		
TMDL Group ID:	00128		
VAW-L08R_BNR02A00	Blackwater River, North Fork Upper	FRANKLIN CO	North Fork of the Blackwater River mainstem headwaters downstream to the Dillions Mill Community.
VA Overall AU Category: 4A			
Use	Impairment	8.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00128 2006 2001	Category 4A. North Fork Blackwater River Bacteria TMDL Study & Allocations U.S. EPA approved 03/09/2001; Fed. ID 7790. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-03.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00128 1996 2001	Category 4A. FC remains as more than 12 Escherichia coli (E.coli) collections have not been made. North Fork Blackwater River Bacteria TMDL Study & Allocations U.S. EPA approved 03/09/2001; Fed. ID 7790. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-03.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Blackwater River, South Fork, Lower, and Tributaries			
TMDL Group ID: 00102			
VAW-L08R_BSF01A00	Blackwater River, South Fork Lower	FRANKLIN CO	South Fork of the Blackwater River mainstem from the Callaway Community downstream to the South Fork's confluence with the North Fork of the Blackwater River.
VA Overall AU Category: 4A	Impairment	2.23 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00102	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. The South Fork Blackwater River TMDL Bacteria Study & Allocations U.S. EPA approved 2/02/2001; Fed. ID 1886/7791/21330. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-02.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_BSF02A00	Blackwater River, South Fork Upper	FRANKLIN CO	South Fork of the Blackwater River mainstem from Algoma, Green Creek mouth, downstream to the Callaway community.
VA Overall AU Category: 4A	Impairment	3.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00102	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed 1996 for FC. The South Fork Blackwater River TMDL Bacteria Study & Allocations U.S. EPA approved 2/02/2001; Fed. ID 1886/7791. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-02.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_GCR01A00	Green Creek	FRANKLIN CO	Green Creek mainstem from its perennial headwaters downstream to the community of Algoma where the South Fork of the Blackwater River begins.
VA Overall AU Category: 5D	Impairment	3.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00102	1998 2001 Category 4A. FC remains as 12 or more Escherichia Coli have not been collected. The South Fork Blackwater River TMDL Bacteria Study & Allocations U.S. EPA approved 2/02/2001; Fed. ID 1886/7791. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-01.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Blackwater River, South Fork, Lower, and Tributaries		
TMDL Group ID:	00102		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Blackwater River, Upper			
TMDL Group ID: 00130			
VAW-L08R_BWR04A00	Blackwater River Upper 1	FRANKLIN CO	Blackwater River mainstem from the mouth of Maple Branch (37°01'14" / 79°58'42") downstream to the WQS PWS section ending approximately 2 mile upstream of Little Creek's mouth on the Blackwater River (37°02'25" / 79°54'51").
VA Overall AU Category: 4A	Impairment	10.11 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00130	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID: 1887(1889)/9633]. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_BWR05A00	Blackwater River Upper 2	FRANKLIN CO	Blackwater River mainstem from the confluence of the North and South Forks of the Blackwater downstream to the mouth of Maple Branch (37°01'14" / 79°58'42").
VA Overall AU Category: 4A	Impairment	5.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00130	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Upper Blackwater River Bacteria TMDL Study & Allocations U.S. EPA approved on 03/09/2001; Fed. ID 1887/9634. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:		Blackwater River, Upper	
TMDL Group ID:		00130	
VAW-L10R_BWR03A00	Blackwater River Upper	FRANKLIN CO	Blackwater River mainstem from the Maggodee Creek mouth on downstream the upper end of the WQS designated public water supply (PWS) section.
VA Overall AU Category: 5D			
Use	Impairment	2.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00130	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00130	1996 2001 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-L12L_BWR03A02	Blackwater River SML Upper	FRANKLIN CO	Blackwater River from its backwaters of SML downstream approximately 4.4 miles. Downstream ending at 37°03'03" / 79°43'49" located 1.7 miles upstream of the 4H Camp.
VA Overall AU Category: 5D			
Use	Impairment	525.04 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00130	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00130	1998 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Blackwater River, Upper		
TMDL Group ID:	00164		
VAW-L08R_BWR05A00	Blackwater River Upper 2	FRANKLIN CO	Blackwater River mainstem from the confluence of the North and South Forks of the Blackwater downstream to the mouth of Maple Branch (37°01'14" / 79°58'42").
VA Overall AU Category:	4A		
Use	Impairment	5.63 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00164 1996 2004	Category 4A. Upper Blackwater River General Standard Benthic (Phosphorus & Sediment) TMDL Study & Allocations U.S. EPA approved 4/26/2004; Fed ID: 7789. SWCB approved 8/31/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) Loss of Riparian Habitat Sediment Resuspension (Clean Sediment) Streambank Modifications/destablization			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Carvin Creek		
TMDL Group ID:	00056		
VAW-L05R_CRV01A00	Carvin Creek Lower	ROANOKE CITY	Carvin Creek mainstem from its confluence with Tinker Creek upstream to the mouth of Deer Branch.
VA Overall AU Category: 4A		ROANOKE CO	
Use	Impairment	1.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00056	2004 2004 Category 4A. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-02.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00056	2002 2004 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-02.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl		
VAW-L05R_CRV02A00	Carvin Creek Middle	ROANOKE CO	Carvin Creek mainstem from the mouth of Deer Branch upstream to an unnamed tributary upstream of I-81.
VA Overall AU Category: 4A			
Use	Impairment	3.56 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00056	2006 2004 Category 4A. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-02.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Carvin Creek		
TMDL Group ID:	00056		
Recreation	Fecal Coliform	00056	2002 2004
Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-02.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Livestock (Grazing or Feeding Operations)			
Municipal (Urbanized High Density Area)			
Sanitary Sewer Overflows (Collection System Failures)			
Unspecified Domestic Waste			
Wastes from Pets			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Falling River		
TMDL Group ID:	00047		
VAC-L34R_FRV01A00	Falling River	CAMPBELL CO	Falling River mainstem from the Brookneal Lagoon outfall downstream to the Falling River mouth on the Roanoke (Staunton) River.
VA Overall AU Category: 4A			
Use	Impairment	2.97 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00047 2006 2004	Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
		Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00047 1998 2004	Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
		Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
VAC-L34R_FRV02A00	Falling River	CAMPBELL CO	Dan River Inc. water intake on Falling River downstream to the Brookneal Lagoon outfall.
VA Overall AU Category: 4A			
Use	Impairment	0.33 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00047 2006 2004	Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
		Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00047 1998 2004	Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
		Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
VAC-L34R_FRV03A00	Falling River	CAMPBELL CO	Little Falling River mouth downstream to Dan River, Inc. intake on Falling Rive
VA Overall AU Category: 4A			
Use	Impairment	4.35 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00047 2006 2004	Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
		Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00047 1998 2004	Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
		Sources: Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Falling River			
TMDL Group ID: 00047			
VAC-L34R_FRV06A02	Falling River	CAMPBELL CO	Falling River mainstem from the Falling River North and South Fork confluence downstream to the mouth of Mollys Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00047	2006 2004 Category 4A - EPA TMDL ID 18898/18899 (Pathogens)
Sources: Livestock (Grazing or Feeding Operations)			
Wastes from Pets			
Wildlife Other than Waterfowl			
TMDL Watershed Name: Flat Creek			
TMDL Group ID: 00025			
VAC-L79R_FLT02A96	Flat Creek	MECKLENBURG CO	From the South Hill STP discharge to the Roanoke River
VA Overall AU Category: 4A			
Use	Impairment	7.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00025	2006 2004 Category 4A - EPA TMDL ID 18948 (Pathogens)
Sources: Livestock (Grazing or Feeding Operations)			
Unspecified Domestic Waste			
Wastes from Pets			
Wildlife Other than Waterfowl			
Recreation	Fecal Coliform	00025	1996 2004 Category 4A - EPA TMDL ID 18948 (Pathogens)
Sources: Livestock (Grazing or Feeding Operations)			
Unspecified Domestic Waste			
Wastes from Pets			
Wildlife Other than Waterfowl			
TMDL Group ID: 00155			
VAC-L79R_FLT02A96	Flat Creek	MECKLENBURG CO	From the South Hill STP discharge to the Roanoke River
VA Overall AU Category: 4A			
Use	Impairment	7.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00155	1996 2004 Category 4A - EPA TMDL ID 18949 (Sediment)
Sources: Clean Sediments			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:		Gills Creek	
TMDL Group ID:		00123	
VAW-L11R_GIL01A00	Gills Creek Lower	FRANKLIN CO	Gills Creek mainstem from the upper end of the WQS designated public water supply (PWS) section downstream to Smith Mountain Lake, eg. waters within 1 mile of the 795 ft. pool elevation of Smith Mtn. Lake.
VA Overall AU Category: 4A			
Use	Impairment	7.64 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00123 2004 2002	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Gills Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 5/31/2002; Fed ID: 9472. SWCB approved 6/17/2004. VAW-L11R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L11R_GIL02A02	Gills Creek Middle	FRANKLIN CO	Gills Creek mainstem from an unnamed tributary just north of the Rt. 122 crossing downstream to the WQS designated public water supply (PWS) section. These waters are not within 5 miles upstream of the 795 ft. pool elevation of Smith Mtn. Lake.
VA Overall AU Category: 4A			
Use	Impairment	3.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00123 2004 2002	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Gills Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 5/31/2002; Fed ID: 9472. SWCB approved 6/17/2004. VAW-L11R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description			
Roanoke and Yadkin River Basins						
TMDL Watershed Name:		Gills Creek				
TMDL Group ID:		00123				
VAW-L11R_GIL03A02	Gills Creek Upper	FRANKLIN CO	Gills Creek mainstem perennial headwaters downstream to an unnamed tributary just north of the Rt. 122 crossing of Gills Creek. These waters are not within 5 miles upstream of the 795 ft. pool elevation of Smith Mtn. Lake.			
VA Overall AU Category: 4A	Impairment	10.69 MILES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform		00123	1996	2002	Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Gills Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 5/31/2002; Fed ID: 9472. SWCB approved 6/17/2004. VAW-L11R-01.
Recreation						
Sources: Livestock (Grazing or Feeding Operations)						
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)						
Unspecified Domestic Waste						
Wildlife Other than Waterfowl						
VAW-L12L_GIL02A02	Gills Creek SML Upper	FRANKLIN CO	Gills Creek from the end of Route 665 upstream to its backwaters.			
VA Overall AU Category: 5D	Impairment	197.42 ACRES	TMDL Group ID	First Listed on 303(d)	TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli		00123	2004	2002	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Gills Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 5/31/2002; Fed ID: 9472. SWCB approved 6/17/2004. VAW-L11R-01.
Recreation						
Sources: Livestock (Grazing or Feeding Operations)						
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)						
Unspecified Domestic Waste						
Wildlife Other than Waterfowl						

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Glade Creek		
TMDL Group ID:	00057		
VAW-L05R_GLA01A00	Glade Creek Lower	ROANOKE CITY	Glade Creek mainstem from the Glade Creek mouth on Tinker Creek upstream to an unnamed tributary mouth above Gus Nicks Blvd.
VA Overall AU Category: 4A		ROANOKE CO	
Use	Impairment	0.96 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00057 2004 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-03.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Wastes from Pets Wildlife Other than Waterfowl			
VAW-L05R_GLA02A00	Glade Creek Lower 2	ROANOKE CITY	Glade Creek mainstem from an unnamed tributary just upstream of Gus Nicks Blvd on upstream to the confluence of Cook Creek.
VA Overall AU Category: 4A		ROANOKE CO	
Use	Impairment	3.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00057 2004 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-03.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Glade Creek		
TMDL Group ID:	00057		
VAW-L05R_GLA03A00	Glade Creek Middle	BOTETOURT CO	Glade Creek mainstem from the Cook Creek mouth upstream to the confluence of Coyner Spring Branch.
VA Overall AU Category: 4A		ROANOKE CO	
Use	Impairment	1.34 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00057 2004 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-03.
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
VAW-L05R_GLA04A00	Glade Creek Upper	BOTETOURT CO	Glade Creek mainstem from the mouth of Coyner Spring Branch upstream to its headwaters.
VA Overall AU Category: 4A			
Use	Impairment	6.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00057 2006 2004	Category 4A. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-03.
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00057 2002 2004	Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-03.
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Green Creek		
TMDL Group ID:	00102		
VAW-L08R_GCR01A00	Green Creek	FRANKLIN CO	Green Creek mainstem from its perennial headwaters downstream to the community of Algoma where the South Fork of the Blackwater River begins.
VA Overall AU Category: 5D			
Use	Impairment	3.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00102	1998 2001 Category 4A. FC remains as 12 or more Escherichia Coli have not been collected. The South Fork Blackwater River TMDL Bacteria Study & Allocations U.S. EPA approved 2/02/2001; Fed. ID 1886/7791. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-01.
	Sources:	Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl	
TMDL Watershed Name:	Laymantown Creek		
TMDL Group ID:	00058		
VAW-L05R_LAY01A00	Laymantown Creek	BOTETOURT CO	Laymantown Creek mainstem from an outlet of a small pond downstream to the Laymantown Creek mouth on Glade Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.08 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00058	2006 2004 Category 4A. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-05.
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
Recreation	Fecal Coliform	00058	2002 2004 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-05.
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Lick Run		
TMDL Group ID:	00059		
VAW-L05R_LCK01A00	Lick Run	ROANOKE CITY	Lick Run mainstem from near Shaffer's Crossing downstream to Lick Run mouth on Tinker Creek.
VA Overall AU Category: 4A		ROANOKE CO	
Use	Impairment	8.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00059 2004 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-04.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Sanitary Sewer Overflows (Collection System Failures)			
Unspecified Domestic Waste			
Wastes from Pets			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Little Creek		
TMDL Group ID:	30102		
VAW-L08R_LLE01A00	Little Creek Lower	FRANKLIN CO	Little Creek mainstem from an unnamed tributary's mouth on Little Creek off R 775 downstream to the Little Creek confluence with the Blackwater River.
VA Overall AU Category: 5D			
Use	Impairment	1.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	30102	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 2002 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-05.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_LLE02A00	Little Creek Middle	FRANKLIN CO	Little Creek mainstem from the mouth of Teels Creek downstream to an unnamed tributary off Rt. 775.
VA Overall AU Category: 5D			
Use	Impairment	0.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	30102	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 2002 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-05.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Little Creek		
TMDL Group ID:	30102		
VAW-L08R_LLE03A00	Little Creek Upper	FRANKLIN CO	Little Creek mainstem headwaters west of the Helm community off Rt. 693 downstream to the mouth of Teels Creek.
VA Overall AU Category: 5D			
Use	Impairment	4.94 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	30102	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 2002 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-05.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L08R_XKF01A06	Little Creek, UT (XKF)	FRANKLIN CO	Little Creek, UT (XKF) mainstem from its mouth on Little Creek upstream to its headwaters
VA Overall AU Category: 4A			
Use	Impairment	0.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	30102	2006 2001 Category 4A. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-05.
Recreation	Fecal Coliform	30102	2006 2001 Category 4A. FC remains 12 or more Escherichia coli (E.coli) bacteria samples have not been collected. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-05.
Sources: Livestock (Grazing or Feeding Operations)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Little Otter River		
TMDL Group ID:	00119		
VAW-L26R_LOR01A00	Little Otter River Lower 1	BEDFORD CO	Little Otter River mainstem from the mouth of Machine Creek downstream to the Little Otter River confluence with the Big Otter River.
VA Overall AU Category: 5D	Impairment	4.46 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00119	1996 2001 Category 4A. Little Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1547/9486. SWCB approved 6/17/2004. VAW-L26R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L26R_LOR02A00	Little Otter River Lower 2	BEDFORD CO	Little Otter River mainstem from the mouth of Poorhouse Creek downstream to the mouth of Machine Creek.
VA Overall AU Category: 5D	Impairment	4.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00119	1996 2001 Category 4A. Little Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1547/9486. SWCB approved 6/17/2004. VAW-L26R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L26R_LOR03A00	Little Otter River Middle 1	BEDFORD CO	Little Otter River mainstem from the Bedford City POTW downstream to mouth of Poorhouse Creek.
VA Overall AU Category: 5D	Impairment	5.72 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00119	1996 2001 Category 4A. Little Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1547/9486. SWCB approved 6/17/2004. VAW-L26R-01.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Little Otter River		
TMDL Group ID:	00119		
VAW-L26R_LOR04A00	Little Otter River Upper 1	BEDFORD CO	Little Otter River mainstem from the Bedford City boundary at the Rt. 43 crossing downstream to Bedford City POTW.
VA Overall AU Category: 4A			
Use	Impairment	7.30 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00119	1996 2001 Category 4A. Little Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1547/9486. SWCB approved 6/17/2004. VAW-L26R-01.
	Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-L26R_LOR05A00	Little Otter River Upper 2	BEDFORD CO	Little Otter River mainstem from its perennial headwaters downstream to the Bedford City boundary at the Rt. 43 crossing.
VA Overall AU Category: 4A			
Use	Impairment	5.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00119	1996 2001 Category 4A. Little Otter River Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001; Fed. ID 1547/9486. SWCB approved 6/17/2004. VAW-L26R-01.
	Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Machine Creek		
TMDL Group ID:	00120		
VAW-L26R_MCR01A00	Machine Creek	BEDFORD CO	Machine Creek mainstem from it perennial headwaters downstream to its mouth on the Little Otter River.
VA Overall AU Category: 4A			
Use	Impairment	11.33 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00120	1996 2001 Category 4A. Machine Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 02/02/2001 [Fed. ID 1547/9467]. SWCB approved 6/17/2004. VAW-L26R-03.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
TMDL Watershed Name:	Maggodee Creek		
TMDL Group ID:	00125		
VAW-L09R_MEE01A00	Maggodee Creek Lower	FRANKLIN CO	Maggodee Creek mainstem from Piedmont Mill Dam downstream to the mouth of Maggodee Creek on the Blackwater River.
VA Overall AU Category: 5D			
Use	Impairment	7.38 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00125	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Maggodee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Maggodee Creek and Mollie Branch			
TMDL Group ID: 00125			
VAW-L09R_MEE01A00	Maggodee Creek Lower	FRANKLIN CO	Maggodee Creek mainstem from Piedmont Mill Dam downstream to the mouth of Maggodee Creek on the Blackwater River.
VA Overall AU Category: 5D	Impairment	7.38 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00125	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Maggodee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L09R_MEE02A00	Maggodee Creek Mill Dam	FRANKLIN CO	Maggodee Creek mainstem from just above Piedmont Mill downstream to Mill Dam.
VA Overall AU Category: 4A	Impairment	1.65 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00125	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Maggodee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L09R_MEE03A00	Maggodee Creek Middle	FRANKLIN CO	Maggodee Creek mainstem waters downstream of Boones Mill STP to just above Piedmont Mill.
VA Overall AU Category: 4A	Impairment	5.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00125	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC. Maggodee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Maggodee Creek and Mollie Branch		
TMDL Group ID:	00125		
VAW-L09R_MEE04A00	Maggodee Creek (Boones Mill)	FRANKLIN CO	Maggodee Creek mainstem waters from the Boones Mill Town area downstream to Boones Mill STP.
VA Overall AU Category: 4A			
Use	Impairment	0.99 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00125 2006 2001	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed 1996 for FC. Maggoddee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L09R_MEE05A00	Maggodee Creek Upper	FRANKLIN CO	Maggodee Creek mainstem waters from the confluence of North and South Forks of Maggoddee Creek downstream to just below the Rt. 220 crossing at Boones Mill.
VA Overall AU Category: 4A			
Use	Impairment	4.40 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00125 1996 2001	Category 4A. FC remains as 12 or more Escherichia coli (E.coli) samples have not been collected. Maggoddee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L09R_MHA01A00	Mollie Branch Lower	FRANKLIN CO	Mollie Branch mainstem from an unnamed tributary upstream of Piedmont Mill downstream to Mollie Branch mouth on Maggoddee Creek.
VA Overall AU Category: 4A			
Use	Impairment	0.76 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00125 2004 2001	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed 1996 for FC. Maggoddee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-02.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Maggodee Creek and Mollie Branch		
TMDL Group ID:	00125		
VAW-L09R_MHA02A00	Mollie Branch Upper	FRANKLIN CO	Mollie Branch mainstem perennial headwaters downstream to an unnamed tributary above Piedmont Mill.
VA Overall AU Category: 4A			
Use	Impairment	1.76 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00125 2006 2001	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed 1998 for FC. Maggoddee Creek Bacteria TMDL Study & Allocations U.S. EPA approved 4/27/2001; Fed. ID 1562/9475. SWCB approved 6/17/2004. VAW-L09R-02.
Sources: Livestock (Grazing or Feeding Operations)			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
Unspecified Domestic Waste			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Roanoke River			
TMDL Group ID: 00293			
VAW-L04R_ROA03A00	Roanoke River Niagara 2	ROANOKE CO	Roanoke River mainstem from near the backwaters of the Niagara Impoundment upstream to the end of the WQS designated public water supply (PWS section 6i) segment. The upstream ending of the PWS segment from SML 795 ft. pool elevation.
VA Overall AU Category: 5D	Use	Impairment	0.86 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Impairment Specific Comments and/or Impairment Specific VA Category			
Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA04A00	Roanoke River Downstream of Tinker Creek	ROANOKE CO	Roanoke R. mainstem from near the backwaters of Niagara Impoundment upstream to the Tinker Creek confluence on the Roanoke River (section 6). The upstream ending of the WQS designated public water supply (PWS) segment from SML 795 ft. pool elevation.
VA Overall AU Category: 5D	Use	Impairment	0.25 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Impairment Specific Comments and/or Impairment Specific VA Category			
Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA05A00	Roanoke River Upstream of Tinker Creek	ROANOKE CITY	Roanoke River mainstem from the Western Virginia Water Authority Roanoke Regional Water Pollution Control Plant downstream to the Tinker Creek confluence (WQS section 6).
		ROANOKE CO	
VA Overall AU Category: 5D	Use	Impairment	0.35 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Impairment Specific Comments and/or Impairment Specific VA Category			
Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Roanoke River			
TMDL Group ID: 00293			
VAW-L04R_ROA06A00	Roanoke River Middle	ROANOKE CITY	Roanoke River mainstem from the Murray Run mouth downstream to the Western Virginia Water Authority Roanoke Regional Water Pollution Control Plant.
VA Overall AU Category: 5D	Use	Impairment	4.34 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA07A00	Roanoke River Upper	ROANOKE CITY	Roanoke River mainstem from the Peters Creek mouth downstream to the Murray Run confluence on the Roanoke River.
VA Overall AU Category: 5D	Use	Impairment	3.32 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA08A02	Roanoke River Upper	ROANOKE CITY	Roanoke River mainstem from the Mason Creek mouth downstream to the confluence of Peters Creek on the Roanoke River.
VA Overall AU Category: 5D	Use	Impairment	2.21 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Roanoke River Watershed, PCB		
TMDL Group ID:	00060		
VAW-L05R_TKR01A00	Tinker Creek Lower	BOTETOURT CO	Tinker Creek mainstem from the its confluence with the Roanoke River upstream to the mouth of Carvin Creek.
VA Overall AU Category: 5D		ROANOKE CO	
Use	Impairment	5.35 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00060	2004 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Group ID:	00123		
VAW-L12L_GIL02A02	Gills Creek SML Upper	FRANKLIN CO	Gills Creek from the end of Route 665 upstream to its backwaters.
VA Overall AU Category: 5D			
Use	Impairment	197.42 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00123	2004 2002 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Gills Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 5/31/2002; Fed ID: 9472. SWCB approved 6/17/2004. VAW-L11R-01.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Roanoke River Watershed, PCB			
TMDL Group ID: 00124			
VAW-L08R_BWR01A00	Blackwater River Lower 1	FRANKLIN CO	Blackwater River mainstem from the Rt. 122 Bridge downstream to the mouth of Maggoddee Creek.
VA Overall AU Category: 5D	Impairment	3.09 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00124	2004 2001 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1996 for FC.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-L10R_BWR01A00	Blackwater River Lower	FRANKLIN CO	Blackwater mainstem from the Dillions Mill Branch mouth downstream into Smith Mountain Lake. The waters are within the WQS designated public water supply (PWS) section, 5 miles upstream of the 795 ft. pool elevation of Smith Mtn. Lake.
VA Overall AU Category: 5D	Impairment	0.50 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00124	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
Recreation	Fecal Coliform	00124	1996 2001 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:		Roanoke River Watershed, PCB	
TMDL Group ID:		00126	
VAW-L10R_BWR02A00	Blackwater River Middle	FRANKLIN CO	Blackwater River mainstem waters from the upper end of the WQS designated public water supply (PWS) section downstream to Dillions Mill Branch.
VA Overall AU Category: 5D			
Use	Impairment	5.22 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00126	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00126	1996 2001 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
TMDL Group ID:		00130	
VAW-L10R_BWR03A00	Blackwater River Upper	FRANKLIN CO	Blackwater River mainstem from the Maggodee Creek mouth on downstream the upper end of the WQS designated public water supply (PWS) section.
VA Overall AU Category: 5D			
Use	Impairment	2.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00130	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00130	1996 2001 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Roanoke River Watershed, PCB			
TMDL Group ID: 00130			
VAW-L12L_BWR03A02	Blackwater River SML Upper	FRANKLIN CO	Blackwater River from its backwaters of SML downstream approximately 4.4 miles. Downstream ending at 37°03'03" / 79°43'49" located 1.7 miles upstream of the 4H Camp.
VA Overall AU Category: 5D			
Use	Impairment	525.04 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00130	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00130	1998 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
TMDL Group ID: 00293			
VAW-L04R_ROA03A00	Roanoke River Niagara 2	ROANOKE CO	Roanoke River mainstem from near the backwaters of the Niagara Impoundment upstream to the end of the WQS designated public water supply (PWS section 6i) segment. The upstream ending of the PWS segment from SML 795 ft. pool elevation.
VA Overall AU Category: 5D			
Use	Impairment	0.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00293	1996 2006 Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Roanoke River Watershed, PCB			
TMDL Group ID: 00293			
VAW-L04R_ROA04A00	Roanoke River Downstream of Tinker Creek	ROANOKE CO	Roanoke R. mainstem from near the backwaters of Niagara Impoundment upstream to the Tinker Creek confluence on the Roanoke River (section 6). The upstream ending of the WQS designated public water supply (PWS) segment from SML 795 ft. pool elevation.
VA Overall AU Category: 5D	Use	Impairment	0.25 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Impairment Specific Comments and/or Impairment Specific VA Category			
Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Drought-related Impacts			
Municipal (Urbanized High Density Area)			
Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA05A00	Roanoke River Upstream of Tinker Creek	ROANOKE CITY	Roanoke River mainstem from the Western Virginia Water Authority Roanoke Regional Water Pollution Control Plant downstream to the Tinker Creek confluence (WQS section 6).
ROANOKE CO			
VA Overall AU Category: 5D	Use	Impairment	0.35 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Impairment Specific Comments and/or Impairment Specific VA Category			
Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Drought-related Impacts			
Municipal (Urbanized High Density Area)			
Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA06A00	Roanoke River Middle	ROANOKE CITY	Roanoke River mainstem from the Murray Run mouth downstream to the Western Virginia Water Authority Roanoke Regional Water Pollution Control Plant.
VA Overall AU Category: 5D	Use	Impairment	4.34 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID	First Listed on 303(d) TMDL Schedule
		00293	1996 2006
Impairment Specific Comments and/or Impairment Specific VA Category			
Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Drought-related Impacts			
Municipal (Urbanized High Density Area)			
Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name: Roanoke River Watershed, PCB			
TMDL Group ID: 00293			
VAW-L04R_ROA07A00	Roanoke River Upper	ROANOKE CITY	Roanoke River mainstem from the Peters Creek mouth downstream to the Murray Run confluence on the Roanoke River.
VA Overall AU Category: 5D			
Use	Impairment	3.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00293 1996 2006	Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			
VAW-L04R_ROA08A02	Roanoke River Upper	ROANOKE CITY	Roanoke River mainstem from the Mason Creek mouth downstream to the confluence of Peters Creek on the Roanoke River.
VA Overall AU Category: 5D		SALEM CITY	
Use	Impairment	2.21 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00293 1996 2006	Category 4A. Roanoke R. General Standard - Benthic (Sediment) TMDL Study complete and US EPA approved May 2006 (Fed. ID - NA). VAW-L04R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Drought-related Impacts Municipal (Urbanized High Density Area) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:		Smith Mountain Lake, Blackwater River	
TMDL Group ID:		00130	
VAW-L12L_BWR03A02	Blackwater River SML Upper	FRANKLIN CO	Blackwater River from its backwaters of SML downstream approximately 4.4 miles. Downstream ending at 37°03'03" / 79°43'49" located 1.7 miles upstream of the 4H Camp.
VA Overall AU Category: 5D			
Use	Impairment	525.04 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00130	2006 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00130	1998 2001 Category 4A. Lower Blackwater River Bacteria TMDL Study & Allocations US EPA approved 04/27/2001; Fed. ID 1888. SWCB approved 6/17/2004. VAW-L08R-04.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
TMDL Watershed Name:		Smith Mountain Lake, Gills Creek	
TMDL Group ID:		00123	
VAW-L12L_GIL02A02	Gills Creek SML Upper	FRANKLIN CO	Gills Creek from the end of Route 665 upstream to its backwaters.
VA Overall AU Category: 5D			
Use	Impairment	197.42 ACRES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00123	2004 2002 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Gills Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 5/31/2002; Fed ID: 9472. SWCB approved 6/17/2004. VAW-L11R-01.
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	South Mayo River		
TMDL Group ID:	00129		
VAW-L43R_SMR01A00	South Mayo River Lower	PATRICK CO	South Mayo River mainstem from the Russell Creek mouth downstream to the Spoon Creek confluence.
VA Overall AU Category: 4A			
Use	Impairment	5.77 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00129 2006 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. South Mayo River Bacteria TMDL Flow Duration Study & Allocations U.S. EPA approved on 02/27/2004; Fed. ID: NA. SWCB approved 6/17/2004. VAW-L43R-01.
		Sources:	Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl
Recreation	Fecal Coliform	00129 1998 2004	Category 4A. South Mayo River Bacteria TMDL Flow Duration Study & Allocations U.S. EPA approved on 02/27/2004; Fed. ID: NA. SWCB approved 6/17/2004. VAW-L43R-01.
		Sources:	Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl
TMDL Watershed Name:	Teels Creek		
TMDL Group ID:	30103		
VAW-L08R_TEL01A00	Teels Creek	FRANKLIN CO	Teel Creek mainstem perennial headwaters downstream to its confluence with Little Creek.
VA Overall AU Category: 5D			
Use	Impairment	4.60 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	30103 2004 2001	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 2002 for FC. Middle Blackwater River Bacteria TMDL Study U.S. EPA approved on 12/04/2001; Fed. ID 1887(1889)/9633. SWCB approved 6/17/2004. Bacteria Implementation Plan SWCB approved 6/17/2004. VAW-L08R-06.
		Sources:	Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Tinker Creek		
TMDL Group ID:	00060		
VAW-L05R_TKR01A00	Tinker Creek Lower	BOTETOURT CO	Tinker Creek mainstem from the its confluence with the Roanoke River upstream to the mouth of Carvin Creek.
VA Overall AU Category: 5D		ROANOKE CO	
Use	Impairment	5.35 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00060	2004 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
VAW-L05R_TKR01B06	Tinker Creek Middle 2	BOTETOURT CO	Tinker Creek mainstem from the Carvin Creek mouth upstream to the confluence of Buffalo Creek.
VA Overall AU Category: 4A		ROANOKE CO	
Use	Impairment	6.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00060	2004 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:		Tinker Creek	
TMDL Group ID:		00060	
VAW-L05R_TKR02A00	Tinker Creek Middle 1	BOTETOURT CO	Tinker Creek mainstem from the mouth of Buffalo Creek upstream to the Roanoke City diversion tunnel located just upstream of the USGS stream gaging station.
VA Overall AU Category: 4A			
Use	Impairment	4.36 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00060 2006 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-01.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
VAW-L05R_TKR03A00	Tinker Creek Upper	BOTETOURT CO	Tinker Creek mainstem from the Roanoke City diversion tunnel to Carvin Cove on upstream to its headwaters.
VA Overall AU Category: 4A			
Use	Impairment	3.12 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00060 2006 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Originally 303(d) Listed in 1998 for FC. Tinker Creek Bacteria TMDL Study & Allocations- EPA Approved 8/05/2004; Fed ID: 7787. SWCB Approved 12/02/2004. VAW-L05R-01.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Roanoke and Yadkin River Basins			
TMDL Watershed Name:	Twittys Creek		
TMDL Group ID:	00004		
VAC-L39R_TWT01A98	Twittys Creek	CHARLOTTE CO	Old Westpoint Stevens discharge (RM 7.22) to Roanoke Creek
VA Overall AU Category: 4A			
Use	Impairment	7.25 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00004	1998 2004 Category 4A - EPA TMDL ID 21786 (Benthics)
	Sources:	Clean Sediments	
		Non-Point Source	
		Unspecified Urban Stormwater	

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Beaver Pond Creek		
TMDL Group ID:	00178		
VAC-K16R_BPC01A00	Beaver Pond Creek	DINWIDDIE CO	Headwaters to mouth.
VA Overall AU Category: 4A			
Use	Impairment	7.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00178 2004 2005	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
Big Hounds Creek			
TMDL Watershed Name:	Big Hounds Creek		
TMDL Group ID:	00179		
VAC-K14R_BHC01B98	Big Hounds Creek	LUNENBERG CO	From Lunenburg Lake dam to the Nottoway River.
VA Overall AU Category: 4A			
Use	Impairment	10.04 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00179 2006 2005	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Cypress Swamp		
TMDL Group ID:	00180		
VAP-K32R_CPP01A98	Cypress Swamp	SURRY CO	Headwaters to mouth at Blackwater River.
			Segment extended in 2006 to incorporate VAP-K32R_CPP02A00
VA Overall AU Category: 4A			
Use	Impairment	17.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00180	2006 2014 Category 4A
			VAP-K32R-08
			During the 2006 cycle, E. coli was added as an impairment based on a violation rate of 4/12 at 5ACPP003.20 and 2/12 at 5ACPP007.84. The bacteria TMDL was completed and approved by EPA on 10/14/2005, therefore the segment should be assessed as Cat. 4A. However, at the time of assessment, the federal TMDL ID was not available
	Sources: Agriculture		
	Non-Point Source		
	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
	Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	00180	2004 2014 Category 4A
			VAP-K32R-08
			During the 2006 cycle, E. coli was added as an impairment based on a violation rate of 4/12 at 5ACPP003.20 and 2/12 at 5ACPP007.84. The TMDL due date of the original, lower Cypress Swamp impairment was maintained. The bacteria TMDL was completed and approved by EPA on 10/14/2005, therefore the segment should be assessed as Cat. 4A. However, at the time of assessment, the federal TMDL ID was not available
	Sources: Agriculture		
	On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
	Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Cypress Swamp		
TMDL Group ID:	00180		
VAP-K32R_CPP01B06	Cypress Swamp Tributaries	SURRY CO	All tributaries draining to Cypress Swamp. Segment created in 2006 and incorporates previous segments VAP-K32R_JCH01A98 and SGS01A02
VA Overall AU Category: 4A			
Use	Impairment	66.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00180	2006 2005 Category 4A VAP-K32R-07 During 2006, 5AJCH002.27 had an E. coli violation rate of 2/12. In addition, the Cypress Swamp mainstem (VAP-K32R_CPP01A98) showed violations for bacteria. Therefore, the segment is assessed as not supporting the Recreation Use for E. coli. The bacteria TMDL was completed and approved by EPA on 10/14/2005, therefore the segment should be assessed as Cat. 4A. However, at the time of assessment, the federal TMDL ID was not available.
Sources: Agriculture Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Cypress Swamp Tributaries		
TMDL Group ID:	00180		
VAP-K32R_CPP01B06	Cypress Swamp Tributaries	SURRY CO	All tributaries draining to Cypress Swamp. Segment created in 2006 and incorporates previous segments VAP-K32R_JCH01A98 and SGS01A02
VA Overall AU Category: 4A			
Use	Impairment	66.93 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00180	2006 2005 Category 4A VAP-K32R-07 During 2006, 5AJCH002.27 had an E. coli violation rate of 2/12. In addition, the Cypress Swamp mainstem (VAP-K32R_CPP01A98) showed violations for bacteria. Therefore, the segment is assessed as not supporting the Recreation Use for E. coli. The bacteria TMDL was completed and approved by EPA on 10/14/2005, therefore the segment should be assessed as Cat. 4A. However, at the time of assessment, the federal TMDL ID was not available.
	Sources:	Agriculture Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Wildlife Other than Waterfowl	
TMDL Watershed Name:	Hurricane Branch, Unnamed Tributary		
TMDL Group ID:	00005		
VAC-K16R_XBL01A94	Unnamed Tributary to Hurricane Branch	NOTTOWAY CO	From Blackstone STP discharge to mouth at Hurricane Branch.
VA Overall AU Category: 4A			
Use	Impairment	1.03 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00005	1994 2004 Category 4A - EPA TMDL ID 19442 (Benthics)
	Sources:	Unspecified Urban Stormwater	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Little Nottoway River		
TMDL Group ID:	00181		
VAC-K15R_LNT01A00	Little Nottoway River	NOTTOWAY CO	From Lazaretto Creek to a point 5 miles upstream of Fort Pickett's raw water intake..
VA Overall AU Category: 4A			
Use	Impairment	9.03 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00181 2006 2005	
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
VAC-K15R_LNT02A04	Little Nottoway River and Tributaries	NOTTOWAY CO	Little Nottoway River from a point 5 miles upstream from Fort Pickett's raw water intake to its confluence with Nottoway River.
VA Overall AU Category: 4A			
Use	Impairment	0.82 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00181 2006 2005	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
TMDL Watershed Name:	Mill Swamp		
TMDL Group ID:	00185		
VAT-K34R_MSW01A00	Mill Swamp	ISLE OF WIGHT CO	Located northwest of Raynor, upstream tributary to Rattlesnake Swamp. Segment begins at confluence of Moores Swamp with Mill Swamp (mile 16.7) downstream to confluence with Rattlesnake Swamp (mile 0.0).
VA Overall AU Category: 5D		SURRY CO	
Use	Impairment	8.39 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00185 1998 2005	Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to fecal coliform bacteria exceedances. Insufficient number of E.coli bacteria indicator observations (N=11) to replace previous FC impairment.
	Sources:	Commerical Districts (Shopping/Office Complexes) Crop Production (Crop Land or Dry Land) Livestock (Grazing or Feeding Operations) Residential Districts Sewage Discharges in Unsewered Areas Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Milldam Creek		
TMDL Group ID:	00186		
VAT-K41R_MLD02A06	Milldam Creek - Lower	VIRGINIA BEACH CITY	Tidally influenced portion of Milldam Creek from Blackwater Rd. crossing (RM 1.92) to confluence with North landing River @ RM 0.00.
VA Overall AU Category: 5D			
Use	Impairment	2.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00186 2006	2005 Category 4A. EPA approved 9/27/2005. Recreation Use impaired due to Ecoli concentrations exceeding the swimming indicator criteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Ecoli criteria impairment since threshold of 12 observations reached, with TMDL ID and due date same as original FC impairment.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Nawney Creek		
TMDL Group ID:	00183		
VAT-K42E_NWN01A00	Nawney Creek - Upper	VIRGINIA BEACH CITY	Upper portion of Nawney Creek, 0.8 mi. upstream of Nawney Creek Road bridge (RM 1.92) downstream 0.6 mi. from Nawney Creek Road bridge to RM 1.24.
VA Overall AU Category: 5D	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Enterococcus	00183	2004 2005 Category 4A. EPA approval 9/27/2005. Previous impairment based on fecal coliform is replaced by the new standard for Enterococcus, effective with attainment of observation minimum (6 violates / 14 observations). TMDL due date retained per H. Augustine e-mail 2/6/06.
Recreation			
	Sources: Animal Feeding Operations (NPS) Crop Production (Crop Land or Dry Land) Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Runoff from Forest/Grassland/Parkland Waterfowl Wildlife Other than Waterfowl		
VAT-K42E_NWN02A00	Nawney Creek - Lower	VIRGINIA BEACH CITY	Lower portion of Nawney Creek, from 0.6 mi. downstream from Nawney Creek Road bridge (RM 1.24) downstream to RM 0.00 (confluence with Redhead/Back Bay).
VA Overall AU Category: 4A	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Enterococcus	00183	2006 2005 Category 4A. EPA approval 9/27/2005. Previous impairment based on fecal coliform is replaced by the new standard for Enterococcus, effective with attainment of observation minimum (6 violates / 15 observations). TMDL due date retained per H. Augustine e-mail 2/6/06.
Recreation			
	Sources: Crop Production (Crop Land or Dry Land) Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Runoff from Forest/Grassland/Parkland Waterfowl Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Nawney Creek, Upper		
TMDL Group ID:	00183		
VAT-K42E_NWN01A00	Nawney Creek - Upper	VIRGINIA BEACH CITY	Upper portion of Nawney Creek, 0.8 mi. upstream of Nawney Creek Road bridge (RM 1.92) downstream 0.6 mi. from Nawney Creek Road bridge to RM 1.24.
VA Overall AU Category: 5D			
Use	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00183	2004 2005 Category 4A. EPA approval 9/27/2005. Previous impairment based on fecal coliform is replaced by the new standard for Enterococcus, effective with attainment of observation minimum (6 violates / 14 observations). TMDL due date retained per H. Augustine e-mail 2/6/06.
Sources: Animal Feeding Operations (NPS) Crop Production (Crop Land or Dry Land) Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Runoff from Forest/Grassland/Parkland Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Nottoway River		
TMDL Group ID:	00184		
VAC-K14R_NTW01A98	Nottoway River	LUNENBERG CO	Headwaters to a point 5 miles upstream of Victoria's PWS intake 200 feet upstream of Route 49.
VA Overall AU Category: 4A		PRINCE EDWARD CO	
Use	Impairment	12.76 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00184 2006 2005	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
VAC-K14R_NTW02A98	Nottoway River	LUNENBERG CO	From the backwaters of Nottoway Falls Lake to a point 5 miles upstream of Victoria's intake, excluding tributaries.
VA Overall AU Category: 4A		NOTTOWAY CO	
Use	Impairment	4.41 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00184 2006 2005	Category 4A
	Sources:	Livestock (Grazing or Feeding Operations) Wastes from Pets Wildlife Other than Waterfowl	
TMDL Group ID:	01355		
VAP-K24R_NTW03B00	Nottoway River	SUSSEX CO	Nebletts Mill Run to Southampton County line. State Scenic River
VA Overall AU Category: 4A			
Use	Impairment	13.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01355 2004 2004	Category 4A
			VAP-K24R-02
	Sources:	Agriculture Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Wildlife Other than Waterfowl	
		The Nottoway River was assessed not supporting of the Recreation Use goal based on a fecal coliform violation rate of 2/15 at the Rt. 631 bridge (5ANTW045.45.) The TMDL for E. coli was developed and approved by EPA on 10/14/2005. The segment should be classified as 4A, however the EPA TMDLID was not available during the assessment.	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Nottoway River		
TMDL Group ID:	01355		
VAP-K24R_NTW04B00	Nottoway River	SOUTHAMPTON CO	Southampton County line to Three Creek
VA Overall AU Category: 4A			
Use	Impairment	5.02 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	01355	2004 2016 Category 4A
			VAP-K24R-02
			The Nottoway River was assessed not supporting of the Recreation Use goal based on a fecal coliform violation rate of 2/15 at the Rt. 631 bridge (5ANTW045.45.) The TMDL for E. coli was developed and approved by EPA on 10/14/2005. The segment should be classified as 4A, however the EPA TMDLID was not available during the assessment.
	Sources:	Agriculture Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Wildlife Other than Waterfowl	
TMDL Watershed Name:	Raccoon Creek		
TMDL Group ID:	00187		
VAP-K25R_RCN01A02	Raccoon Creek	SOUTHAMPTON CO	The entire mainstem of Raccoon Creek.
		SUSSEX CO	
VA Overall AU Category: 4A			
Use	Impairment	19.30 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00187	2002 2010 Category 4A
			VAP-K25R-02
			The segment was initially listed as fully supporting but threatened of the Recreation use goal during the 1998 303(d) cycle. It was then identified to Virginia for listing consideration. During the 2002 303(d) cycle the segment was downgraded to impaired, therefore the TMDL was due in 2010. During the year 2006 cycle, the segment remained not supporting of the Recreation goal based on a fecal coliform violation rate of 6/31 at the Route 608 bridge (5ARCN003.36), however the TMDL was completed as part of the Chowan River Bacteria TMDL. The TMDL was approved by EPA on 10/14/2005. The segment should be considered Category 4A, however the EPA TMDL ID was not available at the time of assessment.
	Sources:	Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:	Raccoon Creek, Spring Creek		
TMDL Group ID:	00187		
VAP-K25R_RCN01A02	Raccoon Creek	SOUTHAMPTON CO	The entire mainstem of Raccoon Creek.
VA Overall AU Category: 4A		SUSSEX CO	
Use	Impairment	19.30 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00187	2002 2010 Category 4A
			VAP-K25R-02
			The segment was initially listed as fully supporting but threatened of the Recreation use goal during the 1998 303(d) cycle. It was then identified to Virginia for listing consideration. During the 2002 303(d) cycle the segment was downgraded to impaired, therefore the TMDL was due in 2010. During the year 2006 cycle, the segment remained not supporting of the Recreation goal based on a fecal coliform violation rate of 6/31 at the Route 608 bridge (5ARCNO03.36), however the TMDL was completed as part of the Chowan River Bacteria TMDL. The TMDL was approved by EPA on 10/14/2005. The segment should be considered Category 4A, however the EPA TMDL ID was not available at the time of assessment.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name:		Roses Creek	
TMDL Group ID:		00027	
VAP-K07R_RSE01A96	Roses Creek	BRUNSWICK CO	Alberta STP to mouth at Great Creek Segment was extended to incorporate the old segment VAP-K06R_RSE02A9I which has been deleted.
VA Overall AU Category: 4A			
Use	Impairment	9.85 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00027 2006 2010	VAP-K07R-02 The segment was initially listed for Fecal Coliform with a 2010 TMDL due date. During the 2003-2004 TMDL study, the station was monitored for E. coli, which also shows impairment. The TMDL due date was kept the same. The TMDL was completed for E. coli and approved by EPA in July 2004 and the SWCB in December 2004.
		Sources: Municipal Point Source Discharges Non-Point Source	
Recreation	Fecal Coliform	00027 1996 2010	VAP-K07R-02 The segment was initially listed for Fecal Coliform with a 2010 TMDL due date. During the 2003-2004 TMDL study, the station was monitored for E. coli, which also shows impairment. The TMDL due date was kept the same. The TMDL was completed for E. coli and approved by EPA in July 2004 and the SWCB in December 2004.
		Sources: Municipal Point Source Discharges Non-Point Source	
TMDL Watershed Name:		West Neck Creek - Lower	
TMDL Group ID:		76060	
VAT-K41R_WNC02A04	West Neck Creek - Lower	VIRGINIA BEACH CITY	Segment and tribs. from widening of creek (RM 3.10) approx. 0.55 mi downstream of Indian River Road crossing downstream to mouth (RM 0.0) at confluence with North Landing River.
VA Overall AU Category: 5D			
Use	Impairment	6.11 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	76060 2006 2005	Category 4A. EPA approved 9/27/2005. Recreation Use impaired due to Ecoli concentrations exceeding the swimming indicator criteria (2/15).
		Sources: Source Unknown	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chowan River and Dismal Swamp Basins			
TMDL Watershed Name: West Neck Creek, Lower			
TMDL Group ID: 76060			
VAT-K41R_WNC02A04	West Neck Creek - Lower	VIRGINIA BEACH CITY	Segment and tribs. from widening of creek (RM 3.10) approx. 0.55 mi downstream of Indian River Road crossing downstream to mouth (RM 0.0) at confluence with North Landing River.
VA Overall AU Category: 5D			
Use	Impairment 6.11 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	76060 2006 2005	Category 4A. EPA approved 9/27/2005. Recreation Use impaired due to Ecoli concentrations exceeding the swimming indicator criteria (2/15).
Sources: Source Unknown			
TMDL Watershed Name: West Neck Creek, Middle			
TMDL Group ID: 00189			
VAT-K41R_WNC01A00	West Neck Creek - Middle	VIRGINIA BEACH CITY	Segment from southside of Princess Anne road crossing (RM 6.20) downstream to widening of creek (RM 3.10) approx. 0.55 mi downstream of Indian River Road crossing.
VA Overall AU Category: 5D			
Use	Impairment 3.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule	Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00189 2002 2005	Category 4A. EPA approved 9/27/2005. Previous impairment (TMDL ID: VAT-K41R-05) based on fecal coliform is retained as data shows impairment (7 violates / 38 observations). Not able to replace with the new standard for Ecoli, although shows support (1 violate / 11 observations) as can replace with new Ecoli criteria only after attainment of 12 observation minimum.
Sources: Source Unknown			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:	Beaver Creek		
TMDL Group ID:	00048		
VAS-O07R_BEV01A94	Beaver Creek	BRISTOL CITY	Mainstem from Beaver Ck dam downstream to TN political boundary including tributaries. Section 4, Class IV.
VA Overall AU Category: 5D		WASHINGTON CO	
Use	Impairment	7.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00048	2006 2004 Category 4A: e.coli and benthic macroinvertebrate bioassessment Fed ID 17709.TMDL approved 7.06.2004. The original fecal coliform impairment is no longer appropriate because there are 12 or more e.coli samples that indicate impairment.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations)			
VAS-O07R_BEV02A94	Beaver Creek	WASHINGTON CO	From headwaters of Beaver Creek downstream to Beaver Ck flood control dam Section 4, Class V, designated stockable trout waters DGIF vi.
VA Overall AU Category: 5D			
Use	Impairment	7.57 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00048	2006 2004 Category 4A: e.coli and benthic macroinvertebrate bioassessment Fed ID 17709.TMDL approved 7.06.2004
Sources: Grazing in Riparian or Shoreline Zones			
TMDL Group ID:	00049		
VAS-O07R_BEV01A94	Beaver Creek	BRISTOL CITY	Mainstem from Beaver Ck dam downstream to TN political boundary including tributaries. Section 4, Class IV.
VA Overall AU Category: 5D		WASHINGTON CO	
Use	Impairment	7.13 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00049	1998 2004 Category 4A: e.coli and benthic macroinvertebrate bioassessment Fed ID 17709.TMDL approved 7.06.2004
Sources: Animal Feeding Operations (NPS)			
VAS-O07R_BEV02A94	Beaver Creek	WASHINGTON CO	From headwaters of Beaver Creek downstream to Beaver Ck flood control dam Section 4, Class V, designated stockable trout waters DGIF vi.
VA Overall AU Category: 5D			
Use	Impairment	7.57 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00049	1998 2004 Category 4A: e.coli and benthic macroinvertebrate bioassessment Fed ID 17709.TMDL approved 7.06.2004
Sources: Streambank Modifications/destabilization			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>Tennessee and Big Sandy River Basins</i>			
TMDL Watershed Name:	Black Creek and Tributaries		
TMDL Group ID:	00002		
VAS-P17R_BLK01A96	Black Creek	WISE CO	Black Ck and tributaries from impoundment downstream to the Powell River confluence. Section 1, Class IV.
VA Overall AU Category:	4A		
Use	Impairment	4.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00002	2002 2004 Category 4A.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:		Cedar Creek	
TMDL Group ID:		00135	
VAS-O05R_CED01A94	Cedar Creek	WASHINGTON CO	From confluence of East Fork Cedar Creek and West Fork Cedar Creek to confluence with Middle Fork Holston confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A			
Use	Impairment	6.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00135 1994 2001	Category 4A: Fed ID for e.coli is 18125; the appropriate WQS is now e.coli ; the fecal coliform WQS was eliminated. Fed IS for benthic macroinvertebrate bioassessment is 18127.
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_CWF01A02	West Fork Cedar Creek	WASHINGTON CO	Cedar Creek tributary. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A			
Use	Impairment	1.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00135 1994 2001	Category 4A: Fecal coliform, Federal ID 9632. Benthic macroinvertebrate bioassessments Fed ID 18127.
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_ECE01A02	East Fork Cedar Creek	WASHINGTON CO	Cedar Creek tributary. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A			
Use	Impairment	1.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00135 1994 2001	Category 4A: Fecal coliform, Federal ID 18125.
Sources: Animal Feeding Operations (NPS)			
TMDL Group ID:		00138	
VAS-O05R_CED01A94	Cedar Creek	WASHINGTON CO	From confluence of East Fork Cedar Creek and West Fork Cedar Creek to confluence with Middle Fork Holston confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A			
Use	Impairment	6.54 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00138 2004 2004	
Sources: Animal Feeding Operations (NPS)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name: Cedar Creek			
TMDL Group ID: 00138			
VAS-O05R_CWF01A02	West Fork Cedar Creek	WASHINGTON CO	Cedar Creek tributary. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A			
Use	Impairment	1.55 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00138	2004 2004
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_ECE01A02	East Fork Cedar Creek	WASHINGTON CO	Cedar Creek tributary. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A			
Use	Impairment	1.88 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00138	2004 2004 Category 4A: Benthic macroinvertebrate bioassessment Fed ID 18127.
Sources: Animal Feeding Operations (NPS)			
TMDL Watershed Name: Clinch River			
TMDL Group ID: 00141			
VAS-P01R_CLN01A98	Clinch River	TAZEWELL CO	Mainstem from Lincolnshire Br confluence to Plum Ck confluence. Section 2, Class IV.
VA Overall AU Category: 5D			
Use	Impairment	5.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00141	2002 2004 Category 4A A TMDL for the Benthic Impairment on this waterbody was approved by EPA in April 2004. Sediment was the cause of benthic impairment.
Sources: Streambank Modifications/destablization			
TMDL Watershed Name: Crab Orchard Creek			
TMDL Group ID: 00143			
VAS-P11R_CRA01A98	Crab Orchard Creek	WISE CO	Headwaters to Guest River confluence. Section 2, Class IV.
VA Overall AU Category: 4A			
Use	Impairment	2.42 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00143	2004 2004 Category 4A: Fecal coliform, Federal ID 18596. IP approved 6.28.2005 The original fecal coliform impairment is no longer appropriate because there are 12 or more e.coli samples that indicate impairment.
Sources: Rural (Residential Areas)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:	Dumps Creek		
TMDL Group ID:	00001		
VAS-P08R_DUM01A94	Dumps Creek	RUSSELL CO	Mainstem from Hurricane Fork confluence downstream to the confluence with Clinch River at Carbo. Section 2, Class IV.
VA Overall AU Category: 5A			
Use	Impairment	3.42 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00001 1994 2002	Category 4A
Sources: Impacts from Abandoned Mine Lands (Inactive) Surface Mining			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:	Guest River		
TMDL Group ID:	00165		
VAS-P11R_GUE02A98	Guest River	WISE CO	Mainstem from Bad Br confluence downstream to Crab Orchard confluence. Section 2, Class IV.
VA Overall AU Category: 5A	Impairment	3.03 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00165	1996 2004 Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19287. Cycle first listed should be 1998. Implementation Plan approved 6.28.2005.
Sources: Rural (Residential Areas)			
VAS-P11R_GUE03A06	Guest River	NORTON CITY	Mainstem from Sepulcher Ck, mile 26.21, confluence downstream to Parson Br, immediately upstream of the Rt 23 bridge near Esserville. confluence. Section 2, Class IV.
VA Overall AU Category: 4A	Impairment	2.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00165	2006 2004 Category 4A
Sources:			
VAS-P11R_GUE03A98	Guest River	NORTON CITY	Mainstem from Sepulcher Ck, mile 26.21, confluence downstream to Bad Br, 6.97. confluence. Section 2, Class IV.
VA Overall AU Category: 5D	Impairment	16.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00165	2006 2004 Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19287. Cycle first listed should be 1998. Implementation Plan approved 6.28.2005.
Sources: Rural (Residential Areas)			
VAS-P11R_GUE04A96	Guest River	WISE CO	Mainstem from headwaters downstream to the confluence of Sepulcher Ck. Section 2, Class IV.
VA Overall AU Category: 4A	Impairment	7.70 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00165	2006 2004 Category 4A: Benthic Macroinvertebrate Bioassessments, Federal ID 19287.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:		Hall/Byers Creek	
TMDL Group ID:		00134	
VAS-O05R_BY01A94	Byers Creek	WASHINGTON CO	Byers Ck from Hall Ck confluence downstream to Middle Fork Holston confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	0.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Escherichia coli	00134	2004 2001 The Federal TMDL ID for this was 9675; this was removed since e.coli has now become the water quality standard for this segment.
Sources: Grazing in Riparian or Shoreline Zones			
VAS-O05R_HAL01A94	Hall Creek	WASHINGTON CO	Mainstem from headwaters to Byers Ck confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	6.80 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00134	2002 2001 Category 4A: Fecal coliform, Federal ID 19303 and 9512.
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_XCG01A02	Hall Creek tributary	WASHINGTON CO	Mainstem from headwaters to Hall Ck confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	1.68 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Recreation	Fecal Coliform	00134	1994 2001 Category 4A: Fecal coliform, Federal ID 9512 and 19303.
Sources: Animal Feeding Operations (NPS)			
TMDL Group ID:		00137	
VAS-O05R_BY01A94	Byers Creek	WASHINGTON CO	Byers Ck from Hall Ck confluence downstream to Middle Fork Holston confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	0.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use			
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00137	2004 2004 Category 4A: Fecal coliform Fed ID 9675, e.coli fed ID 18028, benthic macroinvertebrate bioassessment Fed ID 18029.
Sources: Animal Feeding Operations (NPS)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:		Hall/Byers Creek	
TMDL Group ID:		00137	
VAS-O05R_HAL01A94	Hall Creek	WASHINGTON CO	Mainstem from headwaters to Byers Ck confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Use	Impairment	6.80 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 00137	First Listed on 303(d) 2004
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19304.
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_TAT01A02	Tattle Branch	WASHINGTON CO	Mainstem from headwaters to Byers Ck confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Use	Impairment	2.73 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 00137	First Listed on 303(d) 2004
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19304.
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_XCG01A02	Hall Creek tributary	WASHINGTON CO	Mainstem from headwaters to Hall Ck confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Use	Impairment	1.68 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 00137	First Listed on 303(d) 2004
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19304.
Sources: Animal Feeding Operations (NPS)			
TMDL Watershed Name:		Holston River, North Fork	
TMDL Group ID:		00140	
VAS-O07R_LTL01A96	Little Creek	BRISTOL CITY	Headwaters downstream to the TN political boundary in the City of Bristol Section 4, Class IV.
VA Overall AU Category: 5D	Use	Impairment	2.13 MILES
Recreation	Escherichia coli	TMDL Group ID 00140	First Listed on 303(d) 2006
		TMDL Schedule 2002	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: e.coli and fecal Fed ID 19821 and 9479, respectively.
Sources: Rural (Residential Areas) Wastes from Pets			
Recreation	Fecal Coliform	TMDL Group ID 00140	First Listed on 303(d) 2004
		TMDL Schedule 2002	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: e.coli and fecal Fed ID 19821 and 9479, respectively.
Sources: Rural (Residential Areas) Wastes from Pets			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:		Hutton Creek and Tributaries	
TMDL Group ID:		00136	
VAS-O05R_HTO01A94	Hutton Creek	WASHINGTON CO	Headwaters down to MFH confluence and tributaries. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	4.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	00136	1994 2001 Category 4A: Fecal coliform, Federal ID 19450 and 7555. E.coli is now the appropriate WQS; the fecal coliform WQS was eliminated.
Recreation			
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_PLU01A02	Plum Creek	WASHINGTON CO	Headwaters down to Hutton Creek confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	2.17 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00136	1994 2001 Category 4A: Fecal coliform, Federal ID 7555.
Recreation			
Sources: Animal Feeding Operations (NPS)			
VAS-O05R_XCD01A02	Tributary to Hutton Creek	WASHINGTON CO	Headwaters down to MFH confluence and tributaries. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	4.01 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00136	1994 2001 Category 4A: Fecal coliform, Federal ID 7555..
Recreation			
Sources: Animal Feeding Operations (NPS)			
TMDL Group ID:		00139	
VAS-O05R_HTO01A94	Hutton Creek	WASHINGTON CO	Headwaters down to MFH confluence and tributaries. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Impairment	4.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Benthic-Macroinvertebrate Bioassessments (Streams)	00139	2004 2004 Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19451.
Aquatic Life			
Sources: Animal Feeding Operations (NPS)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name: Hutton Creek and Tributaries			
TMDL Group ID: 00139			
VAS-005R_PLU01A02	Plum Creek	WASHINGTON CO	Headwaters down to Hutton Creek confluence. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Use	Impairment	2.17 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 00139	First Listed on 303(d) 2004
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19451.
Sources: Animal Feeding Operations (NPS)			
VAS-005R_XCD01A02	Tributary to Hutton Creek	WASHINGTON CO	Headwaters down to MFH confluence and tributaries. Section 5, Class IV, designated stockable trout waters.
VA Overall AU Category: 4A	Use	Impairment	4.01 MILES
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	TMDL Group ID 00139	First Listed on 303(d) 2004
		TMDL Schedule 2004	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: Benthic macroinvertebrate bioassessment Fed ID 19451.
Sources: Animal Feeding Operations (NPS)			
TMDL Watershed Name: Little Creek			
TMDL Group ID: 00140			
VAS-007R_LTL01A96	Little Creek	BRISTOL CITY	Headwaters downstream to the TN political boundary in the City of Bristol Section 4, Class IV.
VA Overall AU Category: 5D	Use	Impairment	2.13 MILES
Recreation	Escherichia coli	TMDL Group ID 00140	First Listed on 303(d) 2006
		TMDL Schedule 2002	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: e.coli and fecal Fed ID 19821 and 9479, respectively.
Sources: Rural (Residential Areas) Wastes from Pets			
Recreation	Fecal Coliform	TMDL Group ID 00140	First Listed on 303(d) 2004
		TMDL Schedule 2002	Impairment Specific Comments and/or Impairment Specific VA Category Category 4A: e.coli and fecal Fed ID 19821 and 9479, respectively.
Sources: Rural (Residential Areas) Wastes from Pets			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:	Little Creek, Unnamed Tributary		
TMDL Group ID:	50184		
VAS-007R_XDR01A06	Little Creek	WASHINGTON CO	Headwaters downstream to the confluence of Mumpower Creek, Section 4, Class IV.
VA Overall AU Category: 4A			
Use	Impairment	2.68 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50184 2004 2002	Category 4A: E.coli is now the appropriate WQS; the fecal coliform WQS was eliminated.The Fed ID for fecal coliform is 9479 and for e.coli is 19821.
Sources: Animal Feeding Operations (NPS) Rural (Residential Areas)			
TMDL Watershed Name:	Little Tom's Creek		
TMDL Group ID:	00144		
VAS-P11R_LTF01A98	Little Tom's Creek	WISE CO	From headwaters to Tom's Ck confluence. Section 2, Class IV.
VA Overall AU Category: 4A			
Use	Impairment	4.38 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00144 2004 2004	Category 4A: Fecal coiform, Federal ID 19680. IP approved 6.28.2005
Sources: Rural (Residential Areas)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Tennessee and Big Sandy River Basins			
TMDL Watershed Name:	Toms Creek		
TMDL Group ID:	00146		
VAS-P11R_TMS01A98	Toms Creek	WISE CO	Lower mainstem from raw water intake downstream to the Guest River confluence. Section 2, Class IV.
VA Overall AU Category: 4A			
Use	Impairment	5.75 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00146 2004 2004	Category 4A : Federal ID 21698; the original fecal coliform impairment is no longer appropriate because there are 12 or more e.coli samples that indicate impairment. IP approved 6.28.2005.
Sources: Rural (Residential Areas)			
VAS-P11R_TMS02A00	Toms Creek	WISE CO	Upper Toms Creek from Coeburn's raw water intake to its headwaters. Section 2f, Class IV, PWS.
VA Overall AU Category: 4A			
Use	Impairment	5.86 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00146 2004 2004	Category 4A: e.coli, Federal ID 21698. IP approved 6.28.2005. The original fecal coliform bacteria impairment no longer applies because there are more than 12 e.coli samples.
Sources: Rural (Residential Areas)			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Broad Bay, Long Creek and Linkhorn Bay			
TMDL Group ID: 00168			
VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.90 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00).TMDL completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
VAT-C08E_LKN01A00	Linkhorn Bay	VIRGINIA BEACH CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.95 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Broad Bay, Long Creek and Linkhorn Bay		
TMDL Group ID:	00168		
VAT-C08E_LON01A00	Long Creek	VIRGINIA BEACH CITY	Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.
VA Overall AU Category: 5D			
Use	Impairment	0.27 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 B. Effective 2003-12-11. A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Chesapeake Bay and Tributaries		
TMDL Group ID:	00055		
VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.70 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
VAT-C08E_EBL02A06	Eastern Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Chesapeake Bay and Tributaries		
TMDL Group ID:	00055		
VAT-C08E_LYN01A06	Lynnhaven River - Mainstem	VIRGINIA BEACH CITY	Tributary to south shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11
VA Overall AU Category: 5D			
Use	Impairment	1.31 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	
VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.
VA Overall AU Category: 5D			
Use	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Chesapeake Bay and Tributaries		
TMDL Group ID:	00055		
VAT-C08E_WES02A06	Western Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C09E-LYNPH	VIRGINIA BEACH CITY	Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	1.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Chesapeake Bay and Tributaries		
TMDL Group ID:	00168		
VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.90 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00).TMDL completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
VAT-C08E_LKN01A00	Linkhorn Bay	VIRGINIA BEACH CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.95 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Chesapeake Bay and Tributaries			
TMDL Group ID: 00168			
VAT-C08E_LON01A00	Long Creek	VIRGINIA BEACH CITY	Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.
VA Overall AU Category: 5D			
Use	Impairment	0.27 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 B. Effective 2003-12-11. A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID: 00190			
VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	VIRGINIA BEACH CITY	From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00190	2006 2005 Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Chesapeake Bay and Tributaries		
TMDL Group ID:	01222		
VAT-C08E_CRY01A00	Crystal Lake	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01222	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
TMDL Group ID:	01223		
VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01223	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:		Chesapeake Bay and Tributaries	
TMDL Group ID:		01224	
VAT-C08E_LNC01A00	Little Neck Creek	VIRGINIA BEACH CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01224	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID:		01225	
VAT-C08E_LOB01A00	London Bridge Creek	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01225	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:		Chesapeake Bay and Tributaries	
TMDL Group ID:		01226	
VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: 5D	Use	Impairment	0.16 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01226	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID:		01227	
VAT-C08E_XBO01A00	Canal No. 2	VIRGINIA BEACH CITY	Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5D	Use	Impairment	0.02 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	01227	2006 2005 Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 14 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Cobbs Creek		
TMDL Group ID:	00195		
VAP-C03E_COB01A02	Cobbs Creek	MATHEWS CO	As described in the condemnation notice 170, 3/2/1993. PIAMH.
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00195	2002 2005 Cat 4A for Shellfish 00195 (SF) VAP-C03E-11 VDH-DSS Condemnation 170, 3/2/1993 This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.
Sources: Non-Point Source			
TMDL Watershed Name:	Crystal Lake		
TMDL Group ID:	01222		
VAT-C08E_CRY01A00	Crystal Lake	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01222	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Dey Cove & Milldam Creek			
TMDL Group ID: 01223			
VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01223	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Watershed Name: Healy Creek			
TMDL Group ID: 00194			
VAP-C03E_HEA01A02	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997. PIAMH.
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00194	1998 2005 Cat 4A for Shellfish. 00194 (SF) VAP-C03E-06 VDH-DSS Condemnation 129, 3/3/1997. This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Little Neck Creek		
TMDL Group ID:	01224		
VAT-C08E_LNC01A00	Little Neck Creek	VIRGINIA BEACH CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01224	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Watershed Name:	London Bridge Creek		
TMDL Group ID:	01225		
VAT-C08E_LOB01A00	London Bridge Creek	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01225	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A00 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	London Bridge Creek and Canal #2		
TMDL Group ID:	01227		
VAT-C08E_XBO01A00	Canal No. 2	VIRGINIA BEACH CITY	Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5D			
Use	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	01227	2006 2005 Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 14 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Lynnhaven River		
TMDL Group ID:	00055		
VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.70 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
VAT-C08E_EBL02A06	Eastern Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Lynnhaven River		
TMDL Group ID:	00055		
VAT-C08E_LYN01A06	Lynnhaven River - Mainstem	VIRGINIA BEACH CITY	Tributary to south shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11
VA Overall AU Category: 5D			
Use	Impairment	1.31 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	
VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-12-11.
VA Overall AU Category: 5D			
Use	Impairment	0.28 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources:	Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Lynnhaven River		
TMDL Group ID:	00055		
VAT-C08E_WES02A06	Western Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C09E-LYNPH	VIRGINIA BEACH CITY	Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	1.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Lynnhaven River Polyhaline Embayments			
TMDL Group ID: 00055			
VAT-C08E_EBL01A06	Eastern Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From end of London Br. Cr. (Rt 58 crossing) downstream to eastern shore embayment near Forest Hills. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00).
VA Overall AU Category: 5D	Impairment	0.70 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform		00055 1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Shellfishing			Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)
VAT-C08E_EBL02A06	Eastern Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From eastern shore embayment near Forest Hills downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5D	Impairment	0.29 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform		00055 1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Shellfishing			Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:		Lynnhaven River Polyhaline Embayments	
TMDL Group ID:		00055	
VAT-C08E_LYN01A06	Lynnhaven River - Mainstem	VIRGINIA BEACH CITY	Tributary to south shore of Chesapeake Bay. Mainstem area near mouth. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 A (balance in VAT-C08E_EBL01A00, _WES01A00). Effective 2003-12-11
VA Overall AU Category: 5D	Use	Impairment	1.31 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
VAT-C08E_WES01A06	Western Branch - Upper, Lynnhaven River	VIRGINIA BEACH CITY	From the end of Thurston Branch downstream to Witch Duck Point. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, LYN01A00). Effective 2003-11-11.
VA Overall AU Category: 5D	Use	Impairment	0.28 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Lynnhaven River Polyhaline Embayments		
TMDL Group ID:	00055		
VAT-C08E_WES02A06	Western Branch - Lower, Lynnhaven River	VIRGINIA BEACH CITY	From Witch Duck Point downstream to confluence with mainstem. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.40 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
VAT-C08E_ZZZ01A00	Unsegmented tidal tributaries in C09E-LYNPH	VIRGINIA BEACH CITY	Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A and C (balance in VAT-C08E_EBL01A00, WES01A00, _LYN01A00 & _DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	1.63 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00055	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & EBL01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Lynnhaven River Polyhaline Embayments			
TMDL Group ID: 00168			
VAT-C08E_BBY01A06	Broad Bay - Upper	VIRGINIA BEACH CITY	Located adjacent to Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation # 071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D	Impairment	0.90 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00).TMDL completed and EPA approved (Category 4A) in 2004.
Shellfishing		Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	
VAT-C08E_LKN01A00	Linkhorn Bay	VIRGINIA BEACH CITY	Located adjacent to Linkhorn Estates area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: 5D	Impairment	0.95 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004
Shellfishing		Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Lynnhaven River Polyhaline Embayments			
TMDL Group ID: 00168			
VAT-C08E_LON01A00	Long Creek	VIRGINIA BEACH CITY	Northern shore tributary of Broad Bay, near Bay Island area. Portion of CBP segment LYNPH. DSS shellfish direct harvesting condemnation #071-025 B. Effective 2003-12-11.
VA Overall AU Category: 5D			
Use	Impairment	0.27 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00168	1998 2004 Portion of DSS condemnation #071-025 B. Effective 2003-12-11. A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID: 00190			
VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	VIRGINIA BEACH CITY	From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Enterococcus	00190	2006 2005 Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Lynnhaven River Polyhaline Embayments		
TMDL Group ID:	01222		
VAT-C08E_CRY01A00	Crystal Lake	VIRGINIA BEACH CITY	Includes Rainey Gut. Located in North Linkhorn Park area in Virginia Beach. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_DEY01A00, _LKN01A00 & _CRY01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01222	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		
TMDL Group ID:	01223		
VAT-C08E_DEY01A00	Dey Cove/Mill Dam Creek	VIRGINIA BEACH CITY	Located attached to west shore of Broad Bay Colony area of VB. East of Lynnhaven River. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _LKN01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.08 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01223	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
	Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Lynnhaven River Polyhaline Embayments		
TMDL Group ID:	01224		
VAT-C08E_LNC01A00	Little Neck Creek	VIRGINIA BEACH CITY	Eastern shore tributary of Linkhorn Bay, near Bay Colony. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 C (balance in VAT-C08E_CRY01A00, _BBY01A00 & _LON01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.33 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01224	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 C (balance in VAT-C08E_LKN01A00 & CRY01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID:	01225		
VAT-C08E_LOB01A00	London Bridge Creek	VIRGINIA BEACH CITY	Entirety of creek, from headwaters near Shipps Corner downstream to Rt. 58 crossing. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, WES01A00, LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01225	1998 2004 Category 4A. EPA approved 12/02/2004. Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4)			
Municipal (Urbanized High Density Area)			
Natural Sources			
Non-Point Source			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Lynnhaven River Polyhaline Embayments			
TMDL Group ID: 01226			
VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: 5D	Impairment	0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	01226	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Shellfishing			
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID: 01227			
VAT-C08E_XBO01A00	Canal No. 2	VIRGINIA BEACH CITY	Man-Made tributary to London Bridge Creek. Entire length of Canal No. 2. Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5D	Impairment	0.02 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Enterococcus	01227	2006 2005 Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 14 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
Recreation			
Sources: Source Unknown			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:		Mobjack Bay and Tributaries	
TMDL Group ID:		00193	
VAP-C03E_WLT01A98	Wilton Creek	MIDDLESEX CO	Described in the condemnation notice 126, 3/2/1993.
PIAMH.			
VA Overall AU Category:	5D		
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00193	1998 2005 Cat 4A for Shellfish.
00193 (SF)			
VAP-C03E-05			
VDH-DSS SFC Notice 126, 3/2/1993.			
This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 126, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.			
Sources: Non-Point Source			
TMDL Group ID:		00194	
VAP-C03E_HEA01A02	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997.
PIAMH.			
VA Overall AU Category:	5D		
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00194	1998 2005 Cat 4A for Shellfish.
00194 (SF)			
VAP-C03E-06			
VDH-DSS Condemnation 129, 3/3/1997.			
This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.			
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:	Mobjack Bay and Tributaries		
TMDL Group ID:	00195		
VAP-C03E_COB01A02	Cobbs Creek	MATHEWS CO	As described in the condemnation notice 170, 3/2/1993. PIAMH.
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID
Shellfishing	Fecal Coliform	00195	First Listed on 303(d) 2002
			TMDL Schedule 2005
			Impairment Specific Comments and/or Impairment Specific VA Category
			Cat 4A for Shellfish
			00195 (SF)
			VAP-C03E-11
			VDH-DSS Condemnation 170, 3/2/1993
			This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:		Piankatank River Mesohaline Embayments	
TMDL Group ID:		00193	
VAP-C03E_WLT01A98	Wilton Creek	MIDDLESEX CO	Described in the condemnation notice 126, 3/2/1993.
PIAMH.			
VA Overall AU Category:	5D		
Use	Impairment	0.13 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00193	1998 2005 Cat 4A for Shellfish.
00193 (SF)			
VAP-C03E-05			
VDH-DSS SFC Notice 126, 3/2/1993.			
This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 126, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.			
Sources: Non-Point Source			
TMDL Group ID:		00194	
VAP-C03E_HEA01A02	Healy Creek	MIDDLESEX CO	Described in the VDH-DSS Shellfish Condemnation Notice 129, 3/3/1997.
PIAMH.			
VA Overall AU Category:	5D		
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00194	1998 2005 Cat 4A for Shellfish.
00194 (SF)			
VAP-C03E-06			
VDH-DSS Condemnation 129, 3/3/1997.			
This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 129, 3/3/1997. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.			
Sources: Non-Point Source			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name: Piankatank River Mesohaline Embayments			
TMDL Group ID: 00195			
VAP-C03E_COB01A02	Cobbs Creek	MATHEWS CO	As described in the condemnation notice 170, 3/2/1993. PIAMH.
VA Overall AU Category: 5D			
Use	Impairment	0.05 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	00195	2002 2005 Cat 4A for Shellfish 00195 (SF) VAP-C03E-11 VDH-DSS Condemnation 170, 3/2/1993 This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 170, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.
Sources: Non-Point Source			
TMDL Watershed Name: Thalia Creek			
TMDL Group ID: 01226			
VAT-C08E_THA01A02	Thalia Creek/Thurston Branch	VIRGINIA BEACH CITY	Beginning of Thalia Creek (includes Thurston Branch) from headwaters downstream to Western Br. Lynnhaven R. Portion of CBP segment LYNPH. Portion of DSS shellfish direct harvesting condemnation #071-025 A (balance in VAT-C08E_EBL01A00, _LYN01A00).
VA Overall AU Category: 5D			
Use	Impairment	0.16 SQUARE MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Shellfishing	Fecal Coliform	01226	1998 2004 Portion of DSS condemnation #071-025 A (balance in VAT-C08E_LYN01A06 & WES01A00). A TMDL has been completed and EPA approved (Category 4A) in 2004.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Municipal (Urbanized High Density Area) Natural Sources Non-Point Source On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
Chesapeake Bay/Atlantic/Small Coastal Basins			
TMDL Watershed Name:		West Neck Creek, Upper	
TMDL Group ID:		00190	
VAT-C08E_WNC01A00	West Neck Creek (Upper) to London Bridge Creek	VIRGINIA BEACH CITY	From Princess Anne Rd. crossing downstream to junction with London Bridge Cr. at Shipps Corner area. Segment has been determined by USGS to drain to C08E (Lynnhaven River). Portion of CBP segment LYNPH. No DSS shellfish direct harvesting condemnation.
VA Overall AU Category: 5D	Use	Impairment	0.08 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Recreation	Enterococcus	00190 2006 2005 Category 4A. EPA approved 9/27/2005. The Recreation Use is impaired due to exceedance (10 violates / 15 obs.) of the criteria for Enterococcus bacteria. The previous Fecal Coliform indicator bacteria impairment no longer applies, replaced by Enterococcus criteria impairment, with the same TMDL due date as the FC impairment, since the threshold of 12 observations has been reached.
Sources: Source Unknown			
TMDL Watershed Name:		Wilton Creek	
TMDL Group ID:		00193	
VAP-C03E_WLT01A98	Wilton Creek	MIDDLESEX CO	Described in the condemnation notice 126, 3/2/1993.
			PIAMH.
VA Overall AU Category: 5D	Use	Impairment	0.13 SQUARE MILES TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
	Shellfishing	Fecal Coliform	00193 1998 2005 Cat 4A for Shellfish.
Sources: Non-Point Source			
00193 (SF)			
VAP-C03E-05			
VDH-DSS SFC Notice 126, 3/2/1993.			
This segment was originally listed in 1998 as not supporting for the Shellfish Use based on VDH-DSS Shellfish Condemnation 126, 3/2/1993. Piankatank River, Lower Watershed TMDL Report for Shellfish Condemnation Areas Listed Due to Bacteria Contamination was completed and EPA approved on 11/15/2005. However, the EPA TMDL ID was not available for the 2006 cycle, therefore this segment will be assessed as Cat 4A.			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Beaver Creek		
TMDL Group ID:	00222		
VAN-F06R_BRC01A02	Beaver Creek	ORANGE CO	Segment begins at the confluence with Cooks Creek, approximately 0.68 rivermile upstream from the Route 638 bridge, and continues downstream until the confluence with the North Anna River.
VA Overall AU Category: 4A			
Use	Impairment	2.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00222	2006 2005 A bacteria TMDL for the Beaver Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 13 samples - 46.2%) were recorded at DEQ's ambient water quality monitoring station (8-BRC001.88) at the Route 638 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform impairment, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Gold Mine Creek		
TMDL Group ID:	00224		
VAN-F06R_GMC01A00	Gold Mine Creek	LOUISA CO	Segment begins at the headwaters of Gold Mine Creek and continues downstream until the confluence with Lake Anna.
VA Overall AU Category: 5D			
Use	Impairment	7.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00224 2006 2005	<p>A bacteria TMDL for the Goldmine Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application.</p> <p>Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 12 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (8-GMC002.19) at the Route 613 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002.</p> <p>Segment listed as Category 4A - Federal ID NA.</p> <p>Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl</p>

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Lake Anna and Tributaries		
TMDL Group ID:	00219		
VAN-F07R_TRY01A00	Terrys Run	ORANGE CO	Segment begins at the confluence with Riga Run and continues downstream until the confluence with Lake Anna.
VA Overall AU Category: 5D			
Use	Impairment	1.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00219	2006 2005 A bacteria TMDL for the Terrys Run watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 16 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (8-TRY004.98) at the Route 629 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Lake Anna and Tributaries		
TMDL Group ID:	00224		
VAN-F06R_GMC01A00	Gold Mine Creek	LOUISA CO	Segment begins at the headwaters of Gold Mine Creek and continues downstream until the confluence with Lake Anna.
VA Overall AU Category: 5D			
Use	Impairment	7.16 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00224	2006 2005 A bacteria TMDL for the Goldmine Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (3 of 12 samples - 25.0%) were recorded at DEQ's ambient water quality monitoring station (8-GMC002.19) at the Route 613 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 2002. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Lake Anna and Tributaries		
TMDL Group ID:	60102		
VAN-F07R_TRY02A02	Terrys Run	ORANGE CO	Segment begins at the confluence with Horsepen Branch and continues downstream until the confluence with Riga Run.
VA Overall AU Category: 5D			
Use	Impairment	3.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60102	2006 2005 A bacteria TMDL for the Terrys Run watershed was submitted to the U.S. EPA and approved November 11, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 2 samples - 100%) were recorded at DEQ's special study monitoring station (8-TRY006.72) at the Route 624 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Matadequin Creek		
TMDL Group ID:	00052		
VAP-F13R_MDQ01A98	Matadequin Creek	HANOVER CO NEW KENT CO	Downstream of Parsleys Creek.
VA Overall AU Category: 4A			
Use	Impairment	5.01 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00052	2006 2014 Category 4A VAP-F13R-01 The E. coli TMDL for Matadequin Creek was approved by EPA on 10/21/2004. The segment is a Cat. 4A water.
Recreation	Fecal Coliform	Sources: Non-Point Source 00052	2002 2014 Category 4A VAP-F13R-01 The E. coli TMDL for Matadequin Creek was approved by EPA on 10/21/2004. The segment is a Cat. 4A water.
		Sources: Non-Point Source	
TMDL Watershed Name:	Matedequin Creek		
TMDL Group ID:	00052		
VAP-F13R_MDQ01A98	Matadequin Creek	HANOVER CO NEW KENT CO	Downstream of Parsleys Creek.
VA Overall AU Category: 4A			
Use	Impairment	5.01 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00052	2006 2014 Category 4A VAP-F13R-01 The E. coli TMDL for Matadequin Creek was approved by EPA on 10/21/2004. The segment is a Cat. 4A water.
Recreation	Fecal Coliform	Sources: Non-Point Source 00052	2002 2014 Category 4A VAP-F13R-01 The E. coli TMDL for Matadequin Creek was approved by EPA on 10/21/2004. The segment is a Cat. 4A water.
		Sources: Non-Point Source	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Mechumps Creek		
TMDL Group ID:	00050		
VAP-F12R_MCP01A94	Mechumps Creek	HANOVER CO	Slayden Creek to the Pamunkey River
VA Overall AU Category: 4A			
Use	Impairment	5.69 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00050	2006 2010 VAP-F12R-02
		Sources: Industrial Point Source Discharge Non-Point Source	During the 2006 cycle, the Bacteria TMDL for Mechumps Creek was developed and approved by EPA on 10/21/2004. The segment remains impaired for fecal coliform and E. coli and will be classified as Cat. 4A.
Recreation	Fecal Coliform	00050	1998 2010 VAP-F12R-02
		Sources: Industrial Point Source Discharge Non-Point Source	During the 2006 cycle, the Bacteria TMDL for Mechumps Creek was developed and approved by EPA on 10/21/2004. The segment remains impaired for fecal coliform and E. coli and will be classified as Cat. 4A.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Mountain Run		
TMDL Group ID:	00223		
VAN-F06R_MTN01A00	Mountain Run	ORANGE CO	Segment begins at the confluence of Madison Run and continues downstream until the confluence with the North Anna River.
VA Overall AU Category: 4A			
Use	Impairment	2.52 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00223	2006 2005 A bacteria TMDL for the Mountain Run watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (6 of 12 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (8-MTN000.96) at the Route 643 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Pamunkey Creek		
TMDL Group ID:	00221		
VAN-F07R_PMC01A00	Pamunkey Creek	ORANGE CO	Segment begins at the confluence with Clear Creek and continues downstream until the confluence with Lake Anna.
VA Overall AU Category: 4A			
Use	Impairment	5.32 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli		00221 2006 2005 A bacteria TMDL for the Pamunkey Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (9 of 19 samples - 47.4%) were recorded at DEQ's ambient water quality monitoring station (8-PMC009.85) at the Route 651 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Pamunkey Creek		
TMDL Group ID:	00221		
VAN-F07R_PMC02A02	Pamunkey Creek	ORANGE CO	Segment begins at the confluence with Tomahawk Creek and Church Creek, where Pamunkey Creek begins, and continues downstream until the confluence with Clear Creek.
VA Overall AU Category: 4A			
Use	Impairment	6.82 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00221	2006 2005 A bacteria TMDL for the Pamunkey Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 16 samples - 43.8%) were recorded at DEQ's ambient water quality monitoring station (8-PMC014.75) at the Route 630 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:		Plentiful Creek	
TMDL Group ID:		00220	
VAN-F07R_PLT01A00	Plentiful Creek	SPOTSYLVANIA CO	Segment begins at the confluence with an unnamed tributary to Plentiful Creel upstream from the Route 601 bridge, and continues downstream until the confluence with Lake Anna.
VA Overall AU Category: 4A			
Use	Impairment	3.15 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00220	2006 2005 A bacteria TMDL for the Plentiful Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (7 of 15 samples - 46.7%) were recorded at DEQ's ambient water quality monitoring station (8-PLT004.82) at the Route 601 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for fecal coliform, beginning in 1998. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Plentiful Creek		
TMDL Group ID:	00220		
Recreation	Fecal Coliform	00220	1998
			2005
			<p>A bacteria TMDL for the Plentiful Creek watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application.</p> <p>Sufficient exceedances of the instantaneous fecal coliform bacteria criterion (3 of 13 samples - 23.1%) were recorded at DEQ's ambient water quality monitoring station (8-PLT002.82) at the Route 653 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment.</p> <p>Segment listed as Category 4A - Federal ID NA.</p>
	Sources:	Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Terrys Run		
TMDL Group ID:	00219		
VAN-F07R_TRY01A00	Terrys Run	ORANGE CO	Segment begins at the confluence with Riga Run and continues downstream until the confluence with Lake Anna.
VA Overall AU Category: 5D			
Use	Impairment	1.83 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00219 2006 2005	<p>A bacteria TMDL for the Terrys Run watershed was submitted to the U.S. EPA and approved November 4, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application.</p> <p>Sufficient exceedances of the instantaneous E.coli bacteria criterion (8 of 16 samples - 50.0%) were recorded at DEQ's ambient water quality monitoring station (8-TRY004.98) at the Route 629 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. The segment was previously listed for a fecal coliform bacteria impairment, beginning in 1998.</p> <p>Segment listed as Category 4A - Federal ID NA.</p>
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
York River Basin			
TMDL Watershed Name:	Terry's Run		
TMDL Group ID:	60102		
VAN-F07R_TRY02A02	Terry's Run	ORANGE CO	Segment begins at the confluence with Horsepen Branch and continues downstream until the confluence with Riga Run.
VA Overall AU Category: 5D			
Use	Impairment	3.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	60102	2006 2005 A bacteria TMDL for the Terry's Run watershed was submitted to the U.S. EPA and approved November 11, 2005. The sources of bacteria requiring reductions are pet, livestock and wildlife waste delivered directly to the stream or via pastureland or forest, human contributions from straight pipes, failing septic systems, and leaking sanitary sewers, and biosolid application. Sufficient exceedances of the instantaneous E.coli bacteria criterion (2 of 2 samples - 100%) were recorded at DEQ's special study monitoring station (8-TRY006.72) at the Route 624 bridge to assess this stream segment as not supporting of the recreation use goal for the 2006 water quality assessment. Segment listed as Category 4A - Federal ID NA.
Sources: Grazing in Riparian or Shoreline Zones Impacts from Land Application of Wastes Livestock (Grazing or Feeding Operations) Runoff from Forest/Grassland/Parkland Sewage Discharges in Unsewered Areas Wastes from Pets Waterfowl Wildlife Other than Waterfowl			

Note: Assessment Units may extend across jurisdictional boundaries.

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Back Creek	
TMDL Group ID:		00018	
VAW-N22R_BCK01A00	Back Creek	PULASKI CO	The waters extend from 0.70 miles below the Rt. 636 Bridge crossing downstream to Back Creek's mouth on the New River.
VA Overall AU Category: 4A	Impairment	16.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Recreation	Escherichia coli	00018	2006 2004 Category 4A. AU originally Listed in 1996 for FC. Back Creek Bacteria (Fed. ID: NA) TMDL Study US EPA approved 6/21/2004. SWCB approved 12/02/2004. VAW-N22R-03.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Group ID:		00152	
VAW-N22R_BCK01A00	Back Creek	PULASKI CO	The waters extend from 0.70 miles below the Rt. 636 Bridge crossing downstream to Back Creek's mouth on the New River.
VA Overall AU Category: 4A	Impairment	16.37 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00152	2002 2004 Category 4A. Back Creek Benthic (Sediment- Fed. ID: NA) TMDL Study US EPA approved 6/21/2004. SWCB approved 12/02/2004. VAW-N22R-03.
Sources: Channelization Loss of Riparian Habitat Sediment Resuspension (Clean Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>New River Basin</i>			
TMDL Watershed Name:	Bluestone River		
TMDL Group ID:	00016		
VAS-N36R_BST04A02	Bluestone River	TAZEWELL CO	From Wright's Valley Creek confluence downstream to N37 (Big Branch). Section 1g, Class IV, u.
VA Overall AU Category: 5D			
Use	Impairment	6.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00016 1996 2004	The fecal coliform standard no longer applies. Category 4A
	Sources: Rural (Residential Areas)		
VAS-N36R_BST05A02	Bluestone River	TAZEWELL CO	PWS upstream to Rt 460 bridge. Section 1h, Class IV, PWS, u.
VA Overall AU Category: 5D			
Use	Impairment	4.94 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00016 2002 2004	Category 4A: e.coli-Fed ID 18192.
	Sources: Rural (Residential Areas)		
VAS-N37R_BST01A96	Bluestone River	TAZEWELL CO	Mainstem, mile 21.75 downstream to WV political boundary; may be found on the Brammwell quad sheet. Section 1g, Class IV, u.
VA Overall AU Category: 5D			
Use	Impairment	0.60 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00016 2006 2004	Category 4A: e.coli-Fed ID 18192.
	Sources: Rural (Residential Areas)		
Recreation	Fecal Coliform	00016 1996 2004	Category 4A: e.coli-Fed ID 18192.
	Sources: Rural (Residential Areas)		
TMDL Group ID:	00142		
VAS-N37R_BST01A96	Bluestone River	TAZEWELL CO	Mainstem, mile 21.75 downstream to WV political boundary; may be found on the Brammwell quad sheet. Section 1g, Class IV, u.
VA Overall AU Category: 5D			
Use	Impairment	0.60 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00142 1996 2004	Category 4A: benthic macroinvertebrate bioassessment Fed ID 18193.
	Sources: Rural (Residential Areas)		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:	Crab Creek		
TMDL Group ID:	00019		
VAW-N18R_CBC01A00	Crab Creek Lower	MONTGOMERY CO	This section of the mainstem Crab Creek extends from its mouth on the New River on upstream of the Walton community.
VA Overall AU Category: 4A			
Use	Impairment	2.14 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00019	2004 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Crab Creek Bacteria (Fed. ID 18594) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
VAW-N18R_CBC02A00	Crab Creek Middle 1	MONTGOMERY CO	These mainstem waters of Crab Creek extend from upstream of the Walton community to upstream of the Vicker community. The end of the WQS public water supply (PWS) designation.
VA Overall AU Category: 4A			
Use	Impairment	1.15 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00019	2004 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Crab Creek Bacteria (Fed. ID 18594) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Crab Creek	
TMDL Group ID:		00019	
VAW-N18R_CBC03A00	Crab Creek Middle 2	MONTGOMERY CO	These waters are the Crab Creek mainstem from upstream of the Vicker community on upstream to the former Christiansburg STP outfall on Crab Creek.
VA Overall AU Category: 4A			
Use	Impairment	1.04 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00019 2004 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Crab Creek Bacteria (Fed. ID 18594) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
VAW-N18R_CBC04A00	Crab Creek Upper	MONTGOMERY CO	These mainstem waters extend from the former Christiansburg STP outfall upstream to Crab Creek's headwaters.
VA Overall AU Category: 4A			
Use	Impairment	7.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00019 2004 2004	Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Crab Creek Bacteria (Fed. ID 18594) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Crab Creek	
TMDL Group ID:		00153	
VAW-N18R_CBC01A00	Crab Creek Lower	MONTGOMERY CO	This section of the mainstem Crab Creek extends from its mouth on the New River on upstream of the Walton community.
VA Overall AU Category:	4A		
Use	Impairment	2.14 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00153	1996 2004 Category 4A. Crab Creek General Standard - Benthic (Sediment Fed, ID 18595) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Loss of Riparian Habitat Municipal (Urbanized High Density Area) Post-development Erosion and Sedimentation Sediment Resuspension (Clean Sediment) Streambank Modifications/destablization			
VAW-N18R_CBC02A00	Crab Creek Middle 1	MONTGOMERY CO	These mainstem waters of Crab Creek extend from upstream of the Walton community to upstream of the Vicker community. The end of the WQS public water supply (PWS) designation.
VA Overall AU Category:	4A		
Use	Impairment	1.15 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00153	1996 2004 Category 4A. Crab Creek General Standard - Benthic (Sediment Fed, ID 18595) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Loss of Riparian Habitat Municipal (Urbanized High Density Area) Post-development Erosion and Sedimentation Sediment Resuspension (Clean Sediment) Streambank Modifications/destablization			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Crab Creek	
TMDL Group ID:		00153	
VAW-N18R_CBC03A00	Crab Creek Middle 2	MONTGOMERY CO	These waters are the Crab Creek mainstem from upstream of the Vicker community on upstream to the former Christiansburg STP outfall on Crab Creek.
VA Overall AU Category: 4A			
Use	Impairment	1.04 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00153	1996 2004 Category 4A. Crab Creek General Standard - Benthic (Sediment Fed, ID 18595) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Loss of Riparian Habitat Municipal (Urbanized High Density Area) Post-development Erosion and Sedimentation Sediment Resuspension (Contaminated Sediment) Streambank Modifications/destablization			
VAW-N18R_CBC04A00	Crab Creek Upper	MONTGOMERY CO	These mainstem waters extend from the former Christiansburg STP outfall upstream to Crab Creek's headwaters.
VA Overall AU Category: 4A			
Use	Impairment	7.67 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00153	1996 2004 Category 4A. Crab Creek General Standard - Benthic (Sediment Fed, ID 18595) TMDL Study U.S. EPA approved 8/10/2004. SWCB approved 12/02/2004. VAW-N18R-01.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Loss of Riparian Habitat Municipal (Urbanized High Density Area) Post-development Erosion and Sedimentation Sediment Resuspension (Clean Sediment) Streambank Modifications/destablization			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>New River Basin</i>			
TMDL Watershed Name:	Dodd Creek and Tributaries		
TMDL Group ID:	00131		
VAW-N20R_DDD01A00	Dodd Creek Lower	FLOYD CO	Dodd Creek mainstem waters from its mouth on the West Fork of Little River upstream to the Floyd/Floyd County PSA outfall on Dodd Creek.
VA Overall AU Category: 4A	Impairment	3.79 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00131	1998 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Recreation			
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-N20R_DDD02A00	Dodd Creek Upper	FLOYD CO	Dodd Creek mainstem waters from the Floyd/Floyd County PSA outfall on Doc Creek upstream to the West Fork of Dodd Creek mouth on Dodd Creek, just upstream of the Rt. 8 Bridge.
VA Overall AU Category: 4A	Impairment	2.51 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00131	1998 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Recreation			
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-N20R_DDD03A02	Dodd Creek Upper	FLOYD CO	Dodd Creek mainstem from the West Fork of Dodd Creek mouth on Dodd Creek, just upstream of the Rt. 8 Bridge on upstream near the junction of Routes 710 and 714 near the Blue Ridge Parkway.
VA Overall AU Category: 4A	Impairment	2.19 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00131	1998 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Recreation			
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: Dodd Creek and Tributaries			
TMDL Group ID: 00131			
VAW-N20R_DDW01A02	West Fork Dodd Creek	FLOYD CO	West Fork Dodd Creek mainstem from its confluence with Dodd Creek upstream to the mouth of an unnamed tributary (XDC). The mouth of the unnamed tributary is located @36°52'33" / 80°19'43".
VA Overall AU Category: 5D	Impairment	1.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00131	1998 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-N20R_DDW02A02	W. F. Dodd Creek Upper	FLOYD CO	West Fork Dodd Creek mainstem from the confluence of an unnamed tributary (XDC) upstream to its headwaters. The mouth of the unnamed tributary is located @36°52'33" / 80°19'43".
VA Overall AU Category: 4A	Impairment	5.29 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00131	1998 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-N20R_XDC01A02	West Fork Dodd Creek, UT (XDC)	FLOYD CO	An unnamed tributary (XDC) to the West Fork Dodd Creek from its confluence upstream to its headwaters. The mouth of the unnamed tributary is located @36°52'33" / 80°19'43".
VA Overall AU Category: 4A	Impairment	0.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00131	2002 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:	Dodd Creek, West Fork		
TMDL Group ID:	00131		
VAW-N20R_DDW01A02	West Fork Dodd Creek	FLOYD CO	West Fork Dodd Creek mainstem from its confluence with Dodd Creek upstream to the mouth of an unnamed tributary (XDC). The mouth of the unnamed tributary is located @36°52'33" / 80°19'43".
VA Overall AU Category: 5D			
Use	Impairment	1.18 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00131	1998 2002 Category 4A. Dodd Creek Bacteria (Fed. ID 9456) TMDL Study & Allocations US EPA approved on 12/11/2002. SWCB approved 6/17/2004. VAW-N20R-01.
Sources: Livestock (Grazing or Feeding Operations)			
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
Unspecified Domestic Waste			
Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: Hunting Camp Creek			
TMDL Group ID: 00150			
VAS-N31R_HCC01A00	Hunting Camp Creek	BLAND CO	Segment is from the confluence with Wolf Creek, upstream through the community of Bastian to an impoundment, river mile 8.50. Section 1, Class VI, designated natural trout waters, DGIF ***.
VA Overall AU Category: 4A			
Use	Impairment	8.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00150	1998 2006 Category 4A: e.coli, Federal ID 19446. benthic macroinvertebrate bioassessment Fed ID 19441.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)			
TMDL Group ID: 00264			
VAS-N31R_HCC01A00	Hunting Camp Creek	BLAND CO	Segment is from the confluence with Wolf Creek, upstream through the community of Bastian to an impoundment, river mile 8.50. Section 1, Class VI, designated natural trout waters, DGIF ***.
VA Overall AU Category: 4A			
Use	Impairment	8.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00264	1998 2006
Sources: Agriculture Non-Point Source			
TMDL Group ID: 40101			
VAS-N31R_HCC01A00	Hunting Camp Creek	BLAND CO	Segment is from the confluence with Wolf Creek, upstream through the community of Bastian to an impoundment, river mile 8.50. Section 1, Class VI, designated natural trout waters, DGIF ***.
VA Overall AU Category: 4A			
Use	Impairment	8.45 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Temperature, water	40101	2006 2006
Sources: Grazing in Riparian or Shoreline Zones			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>New River Basin</i>			
TMDL Watershed Name:	Levisa Fork		
TMDL Group ID:	00016		
VAS-N36R_BST04A02	Bluestone River	TAZEWELL CO	From Wright's Valley Creek confluence downstream to N37 (Big Branch). Section 1g, Class IV, u.
VA Overall AU Category: 5D			
Use	Impairment	6.05 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00016 1996 2004	The fecal coliform standard no longer applies. Category 4A
Sources: Rural (Residential Areas)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>New River Basin</i>			
TMDL Watershed Name:	Mill Creek and Tributaries		
TMDL Group ID:	00132		
VAW-N21R_MLC01A00	Mill Creek Lower	MONTGOMERY CO	Mill Creek mainstem waters from its mouth on Meadow Creek upstream to the Montgomery County PSA Riner STP outfall.
VA Overall AU Category: 4A	Impairment	4.94 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00132	1996 2002 Category 4A. Mill Creek Bacteria (Fed. ID 9453) TMDL Study & Allocations US EPA approved on 6/05/2002. SWCB approved 6/17/2004. VAW-N21R-03.
Recreation			
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-N21R_MLC02A00	Mill Creek Upper	MONTGOMERY CO	Mill Creek mainstem waters from the Montgomery County PSA Riner STP outfall upstream to its headwaters.
VA Overall AU Category: 4A	Impairment	2.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00132	1996 2002 Category 4A. Mill Creek Bacteria (Fed. ID 9453) TMDL Study & Allocations US EPA approved on 6/05/2002. SWCB approved 6/17/2004. VAW-N21R-03.
Recreation			
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		
VAW-N21R_PPL01A02	Poplar Branch	MONTGOMERY CO	Poplar Branch mainstem and tributaries from its confluence with Mill Creek upstream to its headwaters.
VA Overall AU Category: 4A	Impairment	4.58 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Fecal Coliform	00132	2002 2002 Category 4A. Mill Creek Bacteria (Fed. ID 9453) TMDL Study & Allocations US EPA approved on 6/05/2002. SWCB approved 6/17/2004. VAW-N21R-03.
Recreation			
	Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Mill Creek and Tributaries	
TMDL Group ID:		00132	
VAW-N21R_XDE01A02	Mill Creek UT (XDE)	MONTGOMERY CO	An unnamed tributary (XDE) to Mill Creek from its mouth upstream. The stream is located in the headwaters of Mill Creek flowing to VAW-N21R_MLC02A00.
VA Overall AU Category: 4A			
Use	Impairment	1.73 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00132 2002 2002	Category 4A. Mill Creek Bacteria (Fed. ID 9453) TMDL Study & Allocations US EPA approved on 6/05/2002. SWCB approved 6/17/2004. VAW-N21R-03.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			
VAW-N21R_XDF01A02	Mill Creek UT (XDF)	MONTGOMERY CO	An unnamed tributary (XDF) to Mill Creek from its mouth upstream. The stream is located in the headwaters of Mill Creek flowing to VAW-N21R_MLC01A00.
VA Overall AU Category: 4A			
Use	Impairment	1.92 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Fecal Coliform	00132 2002 2002	Category 4A. Mill Creek Bacteria (Fed. ID 9453) TMDL Study & Allocations US EPA approved on 6/05/2002. SWCB approved 6/17/2004. VAW-N21R-03.
Sources: Livestock (Grazing or Feeding Operations) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: New River Watershed, PCB			
TMDL Group ID: 00021			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00021	2006 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Group ID: 00154			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D			
Use	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00154	1996 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00154	1996 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>New River Basin</i>			
TMDL Watershed Name: New River Watershed, PCB			
TMDL Group ID: 40020			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D			
Use	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Copper	40020 2006 2004	Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Copper	40020 2006 2004	Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
TMDL Group ID: 50049			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D			
Use	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Zinc	50049 2006 2004	Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: New River Watershed, PCB			
TMDL Group ID: 50049			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Zinc	50049	2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
TMDL Group ID: 50296			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	50296	2002 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Recreation			
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:	New River Watershed, PCB		
TMDL Group ID:	50296		
VAW-N17R_PKC03A00	Peak Creek Middle 2	PULASKI CO	This portion of Peak Creek extends from the mouth of Tract Fork to downstream of the Washington Ave. Bridge (~0.20 miles).
VA Overall AU Category: 5D			
Use	Impairment	0.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50296	2006 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Peak Creek	
TMDL Group ID:		00021	
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00021	2006 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Group ID:		00154	
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D			
Use	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00154	1996 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00154	1996 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
<i>New River Basin</i>			
TMDL Watershed Name: Peak Creek			
TMDL Group ID: 40020			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Copper		40020 2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Copper		40020 2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
TMDL Group ID: 50049			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Zinc		50049 2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:		Peak Creek	
TMDL Group ID:		50049	
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Zinc	50049	2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life		Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)	
TMDL Group ID:		50296	
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	50296	2002 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Recreation		Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:	Peak Creek		
TMDL Group ID:	50296		
VAW-N17R_PKC03A00	Peak Creek Middle 2	PULASKI CO	This portion of Peak Creek extends from the mouth of Tract Fork to downstream of the Washington Ave. Bridge (~0.20 miles).
VA Overall AU Category: 5D	Impairment	0.49 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	50296	2006 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Recreation			
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
VAW-N17R_PKC03A06	Peak Creek Middle 3	PULASKI CO	This portion of Peak Creek extends from the Magnox, Inc. outfall on downstream to the mouth of Tract Fork.
VA Overall AU Category: 4A	Impairment	0.39 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli	50296	2006 2004 Category 4A. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Recreation			
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	
	Fecal Coliform	50296	2006 2004 Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Recreation			
	Sources:	Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl	

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:	Peak Creek		
TMDL Group ID:	50296		
VAW-N17R_PKC04A00	Peak Creek Upper	PULASKI CO	The segment extends from the mouth of Hogan Creek downstream to just above the Magnox. Inc. outfall on Peak Creek.
VA Overall AU Category: 4A			
Use	Impairment	2.10 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	50296 2006 2004	Category 4A. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
	Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl		
Recreation	Fecal Coliform	50296 2006 2004	Category 4A. FC remains as 12 or more Escherichia coli (E.coli) collections have not been made. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
	Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) On-site Treatment Systems (Septic Systems and Similar Decentralized Systems) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl		

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: Peak Creek (lower and middle)			
TMDL Group ID: 00021			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Recreation	Escherichia coli	00021	2006 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			
TMDL Group ID: 00154			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D			
Use	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00154	1996 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D			
Use	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00154	1996 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: Peak Creek (lower and middle)			
TMDL Group ID: 40020			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Copper		40020 2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Copper		40020 2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
TMDL Group ID: 50049			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Zinc		50049 2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Aquatic Life			
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name: Peak Creek (lower and middle)			
TMDL Group ID: 50049			
VAW-N17R_PKC02A00	Peak Creek Middle 1	PULASKI CO	The segment begins downstream of the Washington Ave. Bridge (~0.20 miles) and extends on downstream to just below the Rt. 99 Bridge/Norfolk Southern Railway crossing of Peak Creek.
VA Overall AU Category: 5D	Impairment	1.62 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Zinc		
Aquatic Life		50049	2006 2004 Category 4A. Peak Creek General Standard - Benthic (Metals) TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7823/7822. SWCB approved 12/02/2004.
Sources: Contaminated Sediments Industrial/Commercial Site Stormwater Discharge (Permitted) Sediment Resuspension (Contaminated Sediment)			
TMDL Group ID: 50296			
VAW-N17R_PKC01A00	Peak Creek Lower	PULASKI CO	This portion of Peak Creek begins just downstream of the Rt. 99/Norfolk Southern crossing extending downstream to the inundation of Peak Creek in Claytor Lake.
VA Overall AU Category: 5D	Impairment	2.84 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Use	Escherichia coli		
Recreation		50296	2002 2004 Category 4A. 12 or more Escherichia coli (E.coli) bacteria samples. Peak Creek Bacteria TMDL Study & Allocations U.S. EPA approved on 8/30/2004; Fed. ID 7824. SWCB approved 12/02/2004.
Sources: Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sanitary Sewer Overflows (Collection System Failures) Unspecified Domestic Waste Wastes from Pets Wildlife Other than Waterfowl			

List of Impaired (Category 4A) Waters in 2006

Assessment Unit ID	Waterbody Name	City / County*	Assessment Unit Description
New River Basin			
TMDL Watershed Name:	Stroubles Creek		
TMDL Group ID:	00133		
VAW-N22R_STE04A00	Stroubles Creek Upper	MONTGOMERY CO	These mainstem waters extend from the Walls Branch mouth upstream to the Duck Pond located on the VPI&SU Campus.
VA Overall AU Category: 5D			
Use	Impairment	4.98 MILES	TMDL Group ID First Listed on 303(d) TMDL Schedule Impairment Specific Comments and/or Impairment Specific VA Category
Aquatic Life	Benthic-Macroinvertebrate Bioassessments (Streams)	00133	1996 2004 Category 4A. Stroubles Creek General Standard - Benthic (Sediment Fed. ID 21904) TMDL Study & Allocations US EPA approved 1/28/2004. SWCB approved 6/17/2004. VAW-N22R-02.
Sources: Discharges from Municipal Separate Storm Sewer Systems (MS4) Livestock (Grazing or Feeding Operations) Municipal (Urbanized High Density Area) Sediment Resuspension (Clean Sediment)			

Note: Assessment Units may extend across jurisdictional boundaries.